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OPNAVINST 3501.115D  
N44  
13 MAY 2002

## **OPNAV INSTRUCTION 3501.115D**

Subj: **PROJECTED OPERATIONAL ENVIRONMENT (POE) AND REQUIRED OPERATIONAL CAPABILITIES (ROC) FOR THE NAVAL CONSTRUCTION FORCE (NCF)**

Ref: (a) OPNAVINST C3501.2J  
(b) NWP 1-03.3  
(c) OPNAVINST 3501.93D  
(d) OPNAVINST 3500.38

Encl: (1) Required Operational Mission Areas and Readiness Condition Descriptions for the Naval Construction Force (NCF)  
(2) Projected Operational Environment for Naval Construction Brigades  
(3) Required Operational Capabilities for Naval Construction Brigades  
(4) Projected Operational Environment for Naval Construction Regiments  
(5) Required Operational Capabilities for Naval Construction Regiments  
(6) Projected Operational Environment for Naval Mobile Construction Battalions  
(7) Required Operational Capabilities for Naval Mobile Construction Battalions  
(8) Projected Operational Environment for Naval Construction Force Support Units  
(9) Required Operational Capabilities for Naval Construction Force Support Units  
(10) Projected Operational Environment for Construction Battalion Maintenance Units  
(11) Required Operational Capabilities for Construction Battalion Maintenance Units  
(12) Projected Operational Environment for Underwater Construction Teams  
(13) Required Operational Capabilities for Underwater Construction Teams  
(14) Projected Operational Environment for Construction Battalion Units  
(15) Required Operational Capabilities for Construction Battalion Units

1. **Purpose.** To issue the Projected Operational Environment (POE) and the Required Operational Capabilities (ROC) for Elements of the Naval Construction Force. This instruction has been reviewed and is issued in accordance with the 2-year update requirements directed in reference (a).

2. **Cancellation.** OPNAVINST 3501.115C.

3. **Discussion**

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a. In accordance with reference (a), enclosures (1) through (15) provide the necessary details to describe the mission areas, environment, and operational capabilities for which the Naval Construction Force (NCF) was designed and organized.

b. This instruction provides resourcing agencies information concerning NCF mission, requirements, capabilities, and the types and locations of expected operations. Together, the ROC and POE establish tasking which produces a measurable workload used to compute manpower requirements for Fleet Manpower Document (FMD).

c. The ROC will be used to determine specific mission area M-Ratings reported under reference (b).

d. ROC/POE for Amphibious Construction Battalions is not covered by this instruction but promulgated by reference (c).

e. Reference (d) provides the Naval Services a standardized tool for describing capability requirements for the planning, conducting, assessing, and evaluating of joint training. As applied to joint training, the Universal Naval Task List (UNTL) provides the common language that joint force commanders can use to document their command warfighting requirements.

4. **Action.** Fleet Commanders in Chief shall periodically review enclosures (1) through (15) and recommend changes to the Chief of Naval Operations (Attn: N44) when capability of the NCF is significantly altered. Change recommendations should include comments on the expected Fleet Manpower Document (FMD) impact.

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## REQUIRED OPERATIONAL MISSION AREAS AND READINESS CONDITION DESCRIPTIONS FOR THE NAVAL CONSTRUCTION FORCE (NCF)

1. **Mission Areas.** The primary mission of the Naval Construction Force (NCF) is to support Marine Air-Ground Task Forces (MAGTFs) and Navy ashore forces as required by the OPLAN and to provide additional support to the CINC or JFC (JTF Commander) as required, including construction of advance bases and battle damage repair. Required Operational Capabilities range from expedient temporary construction to permanent construction and operation of advanced industrial facilities. The NCF supports other services during Military Operations Other Than War (MOOTW), and performs humanitarian aid and disaster relief operations. In accordance with reference (a), the following primary (P) and secondary (S) warfare mission areas for unit types comprising the NCF are assigned:

### Mission Area Acronyms

AMW	Amphibious Warfare
CCC	Command, Control, and Communication
C <sup>2</sup> W	Command and Control Warfare
CON	Construction
FSO	Fleet Support Operations
MOB	Mobility
MOS	Missions of State
NCO	Noncombat Operations

a. **Naval Construction Brigades (NCB):** Provides forces to fulfill operational requirements of a combatant commander exercising command and control over Naval Construction Regiments, providing planning, training, and oversight.

Naval Construction Brigade						
CCC	C <sup>2</sup> W	CON	FSO	MOB	MOS	NCO
P	S	S	S	S	S	S

b. **Naval Construction Regiments (NCR):** Exercises command and control over subordinate NCF units, providing planning, training, and oversight.

Naval Construction Regiment							
AMW	CCC	C <sup>2</sup> W	CON	FSO	MOB	MOS	NCO
S	P	S	P	S	P	S	S

c. **Naval Mobile Construction Battalions (NMCB):** Constructs advance base facilities in support of the Navy, Marine Corps and other armed services engaged in military operations and is capable of defensive combat operations. NMCBs also provide repair, maintenance and construction support during contingency, emergency or disaster recovery operations. The NMCB has an organic TOA capable of sustaining operational control, planned or envisioned under contingency or general war conditions for 60 days, requiring replenishment of consumables only.

Naval Mobile Construction Battalion							
AMW	CCC	C <sup>2</sup> W	CON	FSO	MOB	MOS	NCO
S	P	S	P	P	P	S	S

Enclosure (1)

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- d. **Naval Construction Force Support Units (NCFSU):** Provides construction and engineering support for NCF units including specialized Civil Engineer Support Equipment (CESE), material, repair parts and technical expertise. An NCFSU deploys in support of other NCF units and is not required to mobilize as a stand-alone unit. NCFSU echelons are attached to other NCF units to manage, maintain and inventory material, transportation and construction equipment to augment the NMCB TOA.

Naval Construction Force Support Unit					
CCC	CON	C <sup>2</sup> W	FSO	MOB	NCO
P	P	S	P	P	S

- e. **Construction Battalion Maintenance Units (CBMU):** Provide follow-on public works operations, maintenance and repair at existing advanced base shore facilities or facilities constructed by NMCBs in contingency operations.

Construction Battalion Maintenance Units						
CCC	CON	C <sup>2</sup> W	FSO	MOB	MOS	NCO
P	S	S	P	P	S	S

- f. **Underwater Construction Teams (UCT):** Provide underwater engineering, construction, repair and inspection support. UCTs perform complex inshore and deep ocean underwater construction tasks, including ocean bottom surveys for potential underwater facilities.

Underwater Construction Teams						
AMW	CCC	CON	C <sup>2</sup> W	FSO	MOB	NCO
P	P	P	S	S	P	S

- g. **Construction Battalion Units (CBU):** The Construction Battalion Unit (CBU) provides construction, operation and maintenance support to a Combat Zone (CBTZ) Fleet Hospital (FH) during military operations.

Construction Battalion Units						
CCC	CON	C <sup>2</sup> W	FSO	MOB	MOS	NCO
S	P	S	P	P	S	S

2. **Readiness States (For NCBs and NCRs only)** Required Operational Capabilities (ROCs) are reported under Readiness States having major significance in determining the unit's total manpower requirements. The following summarize states covered.

### **Readiness State I: Full Contingency Readiness**

Significant strategic and/or tactical indications of imminent hostilities. While in Readiness State I, the staff shall be capable of meeting the following criteria: able to perform general engineering support, oversight and construction planning functions for a supported command. This state supports war and operation plans executed at Defense Conditions (DEFCON) I and II, and major civil assistance operations. Transition to this maximum state of readiness begins with the declaration of DEFCON II (heightened tensions and/or indications that an enemy force is taking actions which increase its readiness for an attack) with an objective for full implementation prior to the onset of DEFCON I. All watch stations and vital positions will be manned

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to sustain operations in the designated command configuration indefinitely once implementation is complete. Attainment of this state includes providing plan-specified augmentation assets to various remote command centers, posts and units. The staff and supporting commands will take all measures necessary to ensure all primary and battle-redundant systems are maintained in a maximum state of readiness. All personnel assets detailed in national, theater and unit mobilization plans shall be staffed by permanent personnel, earmarked reserves and augmentees.

## **Readiness State II: Tailored Contingency Readiness**

Significant strategic and/or tactical indications of potential limited hostilities or regional, localized civil assistance operations. As directed by higher authority, partial augmentation is required to sustain a readiness posture tailored to a limited threat (Reserve augmentation is initiated for backfill of embedded NCR personnel within the NCB organizations). Since scenarios cannot be fixed in advance for all foreseeable combinations of circumstances other than full readiness, a Readiness State II column is not portrayed in the table of ROCs.

## **Readiness State III: Current Operations Readiness**

Conducting current operations without mobilized/augmentation assets. Watch stations and vital positions sufficient to sustain theater and local operations at the DEFCON IV and III or minor civil assistance operations are manned and ready. The staff is able to initialize major war/operations plans in advance of augmentation support. This readiness state is the sum total of those watch stations and vital positions required to support routine operations in DEFCON IV (geopolitical instability exists in the area of operations which requires constant vigilance and monitoring for rapidly escalating, emergent developments) and the additional watch stations and vital positions required to immediately surge to a level to support DEFCON III (tensions exist which may have serious and adverse effects, and the possibility of force involvement exists). All personnel assets to support this readiness state shall be permanent staff assets. The staff and supporting commands will provide routine organizational level maintenance. (Action is carried out by embedded NCR personnel within the NCB organizations.)

## **Readiness State IV: Training Readiness**

In a non-deployed environment monitoring the military/civil situations in the command's primary and contingency areas of responsibility (AOR) and routinely conducting or participating in exercises. The staff is updating and evaluating war/operations plans. Maximum advantage of training opportunities is to be taken. The staff and augmentees will frequently simulate surging Readiness States I, II and III during both live and command post exercises. The staff will be afforded the opportunity to take leave and liberty consistent with exercise and regular work requirements. The staff and supporting commands will perform routine organizational level maintenance.

3. **Readiness Conditions (For all units except NCBs and NCRs)** Required Operational Capabilities (ROCs) are reported under Readiness Conditions having major significance in determining the unit's total manpower requirements. The following summarize conditions covered.

## **Readiness Condition I: Battle Readiness**

While in Condition I, the unit shall be capable of meeting the following criteria: able to perform all defensive functions simultaneously; able to keep all tactical systems manned and operating for maximum effectiveness. The maximum expected continuous endurance for Condition I is 24 hours. Construction operations are not appropriate unless deemed operationally critical by the commander.

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## **Readiness Condition II: Modified Battle Readiness**

Condition II is Condition I Battle Readiness modified to meet imminent threats that are situation-dependent. As such, Condition II is a subset of Condition I that stands up particular Condition I capabilities at the discretion of the commander. While in condition II, the unit shall be capable of meeting the following criteria: able to simultaneously perform defensive functions necessary to counter specific imminent, limited threats; able to keep construction crews and critical project sites fully manned and operating; able to perform command and control functions relevant to the threat; able to accomplish urgent planned maintenance and support functions. The maximum expected continuous duration for Condition II is 10 days, with a minimum of 4 to 6 hours of rest provided per man per day. Since scenarios cannot be fixed in advance for all foreseeable combinations of circumstances other than full general quarters, a Condition II column is not portrayed in the table of ROCs.

## **Readiness Condition III: Wartime/Increased Tension/Forward Deployed Readiness**

Defensive posture is maintained to a level sufficient to counter possible threats. While in Condition III, the unit shall be capable of meeting the following criteria: able to keep construction crews and project sites fully manned and operating; able to accomplish all normal maintenance, support and administrative functions. The minimum expected crew endurance for Condition III is 60 consecutive days, with opportunity for 8 hours of rest provided per man per day. Condition III exists when deployed to a contingency area where hostilities exist or are anticipated.

## **Readiness Condition IV: Peacetime Deployed Readiness**

While in condition IV, the unit shall be capable of meeting the following criteria: maintain and utilize tactical systems to the extent necessary to ensure operational proficiency. Maximum advantage is taken of training opportunities. Expected endurance is not constrained by personnel. The unit must be able to immediately change readiness posture to Condition I, II or III.

## **Readiness Condition V: Homeport Readiness**

Designated planning and training period in unit's homeport. While in condition V, the unit shall be capable of meeting the following criteria: able to accomplish all required maintenance, support, and administrative functions. Priority of effort is to maximize training to attain/maintain readiness capabilities. Subject to the foregoing requirements, the crew will be provided opportunity for leave and liberty.

4. ROC symbols are used to specify the desired level of achievement of readiness or other work for or during a particular readiness condition. Readiness normally applies to watches, evolutions or both, while other work refers to non-watch activity such as performing maintenance or running the galley.

## **Capabilities:**

- "F" = **"Full"** The capability is to be fully achieved. For operational functions, this means that tactical/operational systems will be fully manned to design capability. The achievement is to be sustained for the duration of the condition unless modified by an "A" or "E".
- "L" = **"Limited"** The capability is to be only partially realized. Even though only limited capability is realized, it is to be sustained for the duration of the condition unless modified by an "A" or "E". **Every "L"** must be supported by a statement that specifies the limitation.

## **Modifiers:**

- "A" = **"Augmentation"** The capability is to be either fully or partially achieved for a **limited time**



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during the condition. The capability is achieved by using off-watch personnel and is always associated with an "F" or "L".

"E" = **"Special Team"** The capability is to be either fully or partially achieved for a **limited time** during the condition. The capability is achieved by using off-watch special teams or details and is always associated with an "F" or "L".

**Unit's Company and External Personnel Resources.** Normally, using an "A" or "E" requires no embellishing statement as their meanings are predefined. However, in the case of a unit embarking external resources, the meaning may not be clear as to whether the augmentation should be provided by the unit's personnel or by the external resource.

This ROC/POE instruction shows:

- If the resource is unit's company, no elaboration or statement is provided.
- If the resource is external for "F", a Note is added to the ROC stating the resource.
- If the resource is external for "L", the resource is added to the capability limiting statement.

		CAPABILITY	
MODIFIER		FULL	LIMITED
None	⇒	Indefinitely manned to design capacity	Indefinitely manned to less than designed capacity
A	⇒	Temporarily manned to design capacity using off-watch personnel	Temporarily manned to less than design capacity using off-watch personnel
E	⇒	Temporarily manned to design capacity using an off-watch special team or detail	Temporarily manned to less than design capacity using an off-watch special team or detail



**PROJECTED OPERATIONAL ENVIRONMENT  
FOR  
NAVAL CONSTRUCTION BRIGADE (NCB)**

1. The Naval Construction Brigade (NCB) provides forces to fulfill operational requirements of a combatant commander, exercising command and control over Naval Construction Regiments (NCR), providing planning, training and oversight.
2. When subordinate units are operating in Readiness Condition III or greater, the NCB will act as an advisor, force provider and liaison for the Combined Joint Task Force (CJTF) in theater while supporting other Unified Commanders' requirements from the rear.
3. The most demanding operating environment anticipated for the NCB is in a foreign country during wartime, coordinating engineering combat service support for a CJTF in climates ranging from extreme cold to tropical to desert environments. The NCB is capable of limited operations in a CBR-contaminated environment.
4. Operations are frequently characterized by numerous subordinate task organized units deployed around the world within the full spectrum of threat environments. A substantial percentage of operations will be prosecuted in joint/combined scenarios.
5. NCBs support the Unified Commanders, Fleet Commanders in Chief or Component Commanders.
6. Capable of performing assigned primary mission areas simultaneously in all readiness states, while maintaining control of assigned units. Requires messing, medical, dental, limited administration, maintenance and defensive fortifications support from supported or subordinate commands.



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13 MAY 2002**REQUIRED OPERATIONAL CAPABILITIES**

<b>NAVAL CONSTRUCTION BRIGADE</b>		<b>Readiness State</b>		
		<b>I</b>	<b>III</b>	<b>IV</b>
<b>COMMAND, CONTROL AND COMMUNICATION (CCC)</b>				
<b>CCC 2</b>	<b>COORDINATE AND CONTROL THE OPERATIONS OF THE TASK ORGANIZATION OR FUNCTIONAL FORCE TO CARRY OUT ASSIGNED MISSIONS.</b>			
CCC 2.14	Coordinate and control the construction operations of assigned Naval Construction Force (NCF) units.	F	F	F
<b>CCC 3</b>	<b>PROVIDE OWN UNIT'S COMMAND AND CONTROL FUNCTIONS.</b>			
CCC 3.1	Maintain a CIC or CDC capable of collecting, processing, displaying, evaluating and disseminating tactical information.  I, III (L) - For Construction Operations only.  NOTE: NCF refers to this as a COC.	L	L/A	
CCC 3.3	Provide all personnel services, programs and facilities to safeguard classified material and information.	F	F	F
CCC 3.4	Carry out emergency destruction of classified material and equipment rapidly and efficiently.  I, III, IV(L) - Requires special destruction equipment.	L	L	L
CCC 3.11	Establish voice communications with supported forces.	F	F	F
<b>CCC 6</b>	<b>PROVIDE COMMUNICATIONS FOR OWN UNIT.</b>			
CCC 6.1	Maintain tactical voice communications.	F		
CCC 6.6	Process messages.	F	F	F
CCC 6.10	Maintain voice/teletype/computer data cryptographically covered satellite communication circuits.	F	F	F
CCC 6.12	Maintain internal communications systems.	F	F	F
CCC 6.17	Provide tactical, secure, antijam very-high frequency (VHF) voice communications.	F		
CCC 6.19	Provide tactical secure voice or data communications.	F		
<b>CONSTRUCTION (CON)</b>				
<b>CON 3</b>	<b>PERFORM CONSTRUCTION ENGINEERING</b>			
CON 3.3	Perform planning and estimating.  I, III, IV (L) - Provide resource management for subordinate units.	L	L	L

Enclosure (3)

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<b>COMMAND AND CONTROL WARFARE (C<sup>2</sup>W) AND INFORMATION WARFARE (IW)</b>				
<b>C<sup>2</sup>W 4</b>	<b>PLAN AND IMPLEMENT OPERATIONS SECURITY (OPSEC) MEASURES.</b>			
C <sup>2</sup> W 4.11	Plan, coordinate and control implementation of OPSEC measures.	F	F	F
C <sup>2</sup> W 4.12	Execute OPSEC measures.	F	F	F
<b>FLEET SUPPORT OPERATIONS (FSO)</b>				
<b>FSO 9</b>	<b>PROVIDE MEDICAL CARE TO ASSIGNED AND EMBARKED PERSONNEL.</b>			
FSO 9.9	Conduct associated administrative/maintenance services (choose as applicable): (a) Maintain adequate medical supplies for appropriate level health care. (d) Perform routine medical administrative services.  I, III, IV (L) - Plan/coordinate subordinate units.	L	L	L
FSO 9.17	Identify, equip and maintain suitable spaces to provide medical care.  I, III, IV (L) - Plan/coordinate subordinate units.	L	L	L
FSO 9.18	Identify, equip and maintain adequate storage spaces for medical equipment and medical supplies.  I, III, IV (L) - Plan/coordinate subordinate units.	L	L	L
<b>FSO 10</b>	<b>PROVIDE FIRST AID ASSISTANCE.</b>			
FSO 10.2	Train assigned and embarked personnel in first aid, self and buddy aid procedures.	F	F	F
<b>FSO 44</b>	<b>PROVIDE UNDERWAY TRAINING FOR ACTIVE CREW AND FOR TYPE II AND TYPE III SELECTED RESERVE (SELRES) CREWS.</b>	F	F	F
<b>FSO 45</b>	<b>PROVIDE IN PORT TRAINING FOR ACTIVE CREW AND FOR TYPE II AND TYPE III SELRES CREWS.</b>	F	F	F
<b>FSO 46</b>	<b>MONITOR ASSIGNED UNITS' ADMINISTRATIVE PROCEDURES.</b>	F	F	F
<b>FSO 47</b>	<b>MONITOR ASSIGNED UNITS' OPERATIONAL PROCEDURES.</b>	F	F	F
<b>FSO 48</b>	<b>MONITOR ASSIGNED UNITS' MATERIAL READINESS.</b>	F	F	F
<b>MOBILITY (MOB)</b>				
<b>MOB 3</b>	<b>PREVENT AND CONTROL DAMAGE.</b>			
MOB 3.3	Maintain security against unfriendly acts.  I (L) - Personal security and passive internal measures only.	L		

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<b>MOB 11</b>	<b>MAINTAIN MOUNT-OUT CAPABILITIES.</b>			
MOB 11.1	Deploy with organic allowance within designated time period.  Note: Within 10 days after receipt of execution order.	F		
MOB 11.2	Mount-out selected elements/detachments.	F	F	F
<b>MOB 12</b>	<b>MAINTAIN THE HEALTH AND WELL-BEING OF THE CREW.</b>			
MOB 12.5	Monitor the health and well-being of the crew to ensure that habitability is consistent with approved habitability procedures and standards.	F	F	F
MOB 12.8	Provide individual protective clothing and equipment to sufficiently protect shipboard personnel identified being at risk in a CBR-contaminated environment.  Note: Deployed personnel only (versus "shipboard").	F		
MOB 12.12	Provide antidotes to ship's company which will counteract the effects caused by a CBR-contaminated environment.  Note: Deployed personnel only.	F		
<b>MOB 13</b>	<b>MAINTAIN RESERVE UNIT MOBILIZATION READINESS (INACTIVE RESERVE UNITS ONLY).</b>			
MOB 13.1	Ensure personnel onboard and their associated records are ready for immediate mobilization.	F	F	F
<b>MOB 14</b>	<b>CONDUCT OPERATIONS ASHORE</b>			
MOB 14.1	Operate in climate extremes ranging from cold weather to tropical to desert environments.	F		
<b>MISSIONS OF STATE (MOS)</b>				
<b>MOS 2</b>	<b>PROVIDE HUMANITARIAN ASSISTANCE.</b>			
MOS 2.4	Provide disaster assistance and evacuation.  I, III, IV (L) - Provide assessment and resource planning support.	L	L	L
MOS 2.5	Clear and repair utilities and facilities damaged by natural disaster, fire and civil disturbance; decontaminate CBR effects.  I, III, IV (L) - Provide repair assessment and resource planning support during natural disaster, fire and civil disturbance only.	L	L	L
MOS 2.10	Support/provide for the evacuation of noncombatant personnel in areas of civil or international crisis.  I, III, IV (L) - Provide facilities assessment and resource planning support.	L	L	L

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<b>MOS 3</b>	<b>PERFORM PEACEKEEPING</b>			
MOS 3.2	Provide logistics support for a joint/allied peacekeeping force.  I, III, IV (L) - Plan and coordinate subordinate units.	L	L	L
MOS 3.3	Provide direct participation in a joint/allied peacekeeping force within a foreign country/region.  I, III, IV (L) - Plan and coordinate subordinate units.	L	L	L
<b>NONCOMBAT OPERATIONS (NCO)</b>				
<b>NCO 1</b>	<b>COLLECT CONSTRUCTION/FACILITY ENGINEERING DATA/INFORMATION.</b>	F	F	F
<b>NCO 2</b>	<b>PROVIDE ADMINISTRATIVE AND SUPPLY SUPPORT FOR OWN UNIT.</b>			
NCO 2.1	Provide supply support services.	F	F	F
NCO 2.2	Provide clerical services.	F	F	F
NCO 2.7	Provide inventory and custodial services.	F	F	F
NCO 2.12	Conduct human resources availability activities and inspections.	F	F	F
<b>NCO 10</b>	<b>PROVIDE EMERGENCY/DISASTER ASSISTANCE.</b>			
NCO 10.4	Provide disaster assistance and evacuation.  I, III, IV (L) - Provide assessment and resource planning support.	L	L	L
NCO 10.5	Clear and repair utilities and facilities damaged by natural disaster, fire and civil disturbance; decontaminate CBR effects.  I, III, IV (L) - Provide repair assessment and resource planning support during natural disaster, fire and civil disturbance only.	L	L	L
<b>NCO 11</b>	<b>SUPPORT/PROVIDE FOR THE EVACUATION OF NONCOMBATANT PERSONNEL IN AREAS OF CIVIL OR INTERNATIONAL CRISIS.</b>			
NCO 11.5	Plan/direct the evacuation of noncombat personnel in areas of civil or international crisis in both a permissive and non-permissive environment (including joint/combined operations).  I, III, IV (L) - Provide facilities assessment and resource planning support.	L	L	L
<b>NCO 21</b>	<b>FUNCTION AS MODEL MANAGER FOR USN PERSONNEL QUALIFICATION STANDARD (PQS) FOR OWN UNIT'S SPECIFIC WARFARE AND/OR SPECIALTY COMMUNITY.</b>	F	F	F



**PROJECTED OPERATIONAL ENVIRONMENT  
FOR  
NAVAL CONSTRUCTION REGIMENT (NCR)**

1. The Naval Construction Regiment (NCR) provides administrative and operational control over two or more Naval Construction Force (NCF) units operating in a specific geographic area or operating in support of a specific military operation.
2. The most demanding operating environment anticipated for the NCR is in a foreign country during wartime, coordinating engineering combat service support for a Marine Air-Ground Task Force (MAGTF) in climates ranging from extreme cold to tropical to desert environments. The NCR is capable of limited operations in a CBR-contaminated environment.
3. Operations are frequently characterized by numerous subordinate task organized units deployed throughout the theater within the full spectrum of threat environments. NCF units may encounter organized battalion-sized ground combat units, special operations forces, guerrilla and terrorist activities. A substantial percentage of operations will be prosecuted in joint/combined scenarios.
4. In Operations Other Than War (OOTW), the NCR is involved in the full spectrum of operations including peacekeeping, humanitarian assistance, civic action, disaster recovery and routine base facility operations and maintenance. These operations are frequently characterized by confined and congested areas occupied by friends, adversaries, and neutrals, making identification and coordination difficult. Well-armed adversaries and unstable geopolitical environments require increased defensive measures, making the prosecution of public works, construction, operations, maintenance and repair functions more difficult. A substantial percentage of operations will be prosecuted in joint/combined scenarios.
5. NCRs support the Area or Force Commander.
6. Capable of performing assigned primary mission areas simultaneously while maintaining operational control of assigned units. Requires messing, medical, dental, limited administration, maintenance and defensive fortification support from the supported/subordinate commands.
7. The NCR has an organic TOA capable of sustaining operational control, planned or envisioned under contingency or general war conditions for 60 days without resupply except ammunition is limited to 15 days, subsistence rations are limited to 5 days, and fuel is limited to 3 days. Resupply past these time frames is the responsibility of the supported command.



**REQUIRED OPERATIONAL CAPABILITIES**

NAVAL CONSTRUCTION REGIMENT			Readiness State		
			I	III	IV
<b>AMPHIBIOUS WARFARE (AMW)</b>					
<b>AMW 1</b>	<b>LOAD, TRANSPORT AND LAND COMBAT EQUIPMENT, MATERIAL, SUPPLIES AND ATTENDANT PERSONNEL OF A FORCE OR GROUP IN AN AMPHIBIOUS ASSAULT.</b>				
AMW 1.1	Load combat equipment, material and supplies with attendant personnel for an amphibious assault.  I, III, IV (L) - Plan and direct for subordinate and assigned units.		L	L	L
AMW 1.3	Land combat equipment, material and supplies with attendant personnel by air and/or surface transport during amphibious assault.  I, III, IV (L) - Plan and direct for subordinate and assigned units.		L	L	L
<b>AMW 3</b>	<b>REEMBARK AND TRANSPORT EQUIPMENT, MATERIALS, SUPPLIES AND PERSONNEL.</b>				
AMW 3.1	Reembark and transport personnel of the landing force.  I, III, IV (L) - Plan and direct for subordinate and assigned units.		L	L	L
AMW 3.2	Reembark and transport equipment, materials and supplies.  I, III, IV (L) - Plan and direct for subordinate and assigned units.		L	L	L
AMW 3.9	Plan/direct the reembarkation and transportation of equipment, materials, supplies and personnel.  I, III, IV (L) - Plan and direct for subordinate and assigned units.		L	L	L
<b>AMW 42</b>	<b>CONDUCT MARITIME PREPOSITIONING FORCE (MPF) OPERATIONS.</b>				
AMW 42.1	Plan/direct MPF operations.  I, III, IV (L) - Coordinate NCF MPF only.		L	L	L
AMW 42.2	Conduct MPF operations.  I, III, IV (L) - Coordinate NCF MPF only.		L	L	L

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<b>COMMAND, CONTROL AND COMMUNICATION (CCC)</b>				
<b>CCC 2</b>	<b>COORDINATE AND CONTROL THE OPERATIONS OF THE TASK ORGANIZATION OR FUNCTIONAL FORCE TO CARRY OUT ASSIGNED MISSIONS.</b>			
CCC 2.14	Coordinate and control the construction operations of assigned Naval Construction Force (NCF) units.	F	F	F
<b>CCC 3</b>	<b>PROVIDE OWN UNIT'S COMMAND AND CONTROL FUNCTIONS.</b>			
CCC 3.1	Maintain a CIC or CDC capable of collecting, processing, displaying, evaluating and disseminating tactical information  I, III (L) - For Construction Operations only.  NOTE: NCF refers to this as a COC.	L	L/A	
CCC 3.3	Provide all personnel services, programs and facilities to safeguard classified material and information.	F	F	F
CCC 3.4	Carry out emergency destruction of classified material and equipment rapidly and efficiently.  I, III, IV (L) - Requires special destruction equipment.	L	L	L
CCC 3.8	Establish voice communications with U.S. Marine Corps (USMC) evacuation and command nets and/or Naval Support Activity (NSA) net.	F		
CCC 3.11	Establish voice communications with supported forces.	F	F	F
<b>CCC 6</b>	<b>PROVIDE COMMUNICATIONS FOR OWN UNIT.</b>			
CCC 6.1	Maintain tactical voice communications.	F		
CCC 6.6	Process messages.	F	F	F
CCC 6.10	Maintain voice/teletype/computer data cryptographically covered satellite communication circuits.	F	F	F
CCC 6.12	Maintain internal communications systems.  Note: NCR has ADP local area network.	F	F	F
CCC 6.17	Provide tactical, secure, antijam very-high frequency (VHF) voice communications.	F		
CCC 6.19	Provide tactical secure voice or data communications.	F		
<b>CONSTRUCTION (CON)</b>				
<b>CON 3</b>	<b>PERFORM CONSTRUCTION ENGINEERING</b>			
CON 3.3	Perform planning and estimating.  Note: Includes capability to perform engineer reconnaissance.	F	F	F

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CON 3.4	Perform design for local expedient projects.  I, III, IV (L) – For planning purposes only.  Note: NCF units typically build to ABFC standards. This ROC includes capability to perform contingency engineering in support of in-theater crisis response.	L	L	L
<b>CON 5</b>	<b>PERFORM OPERATIONAL CONSTRUCTION LOGISTIC SUPPORT IN THE DEPLOYMENT AREA.</b>			
CON 5.6	Provide and operate a limited automatic data processing (ADP) service.  I, III, IV (L) - NCF support only.	L	L	L
CON 5.7	Provide planning, engineering and design services as required.	F		
<b>COMMAND AND CONTROL WARFARE (C<sup>2</sup>W) AND INFORMATION WARFARE (IW)</b>				
<b>C<sup>2</sup>W 4</b>	<b>PLAN AND IMPLEMENT OPERATIONS SECURITY (OPSEC) MEASURES.</b>			
C <sup>2</sup> W 4.11	Plan, coordinate and control implementation of OPSEC measures.	F	F	F
C <sup>2</sup> W 4.12	Execute OPSEC measures.	F	F	F
<b>FLEET SUPPORT OPERATIONS (FSO)</b>				
<b>FSO 9</b>	<b>PROVIDE MEDICAL CARE TO ASSIGNED AND EMBARKED PERSONNEL.</b>			
FSO 9.9	Conduct associated administrative/maintenance services (choose as applicable): (a) Maintain adequate medical supplies for appropriate level health care. (d) Perform routine medical administrative services.  I, III, IV (L) - Plan and coordinate subordinate units.	L	L	L
FSO 9.17	Identify, equip and maintain suitable spaces to provide medical care.  I, III, IV (L) - Plan and coordinate subordinate units.	L	L	L
FSO 9.18	Identify, equip and maintain adequate storage spaces for medical equipment and medical supplies.  I, III, IV (L) - Plan and coordinate subordinate units.	L	L	L
<b>FSO 10</b>	<b>PROVIDE FIRST AID ASSISTANCE.</b>			
FSO 10.2	Train assigned and embarked personnel in first aid, self and buddy aid procedures.	F	F	F
<b>FSO 44</b>	<b>PROVIDE UNERWAY TRAINING FOR ACTIVE CREW AND FOR TYPE II AND TYPE III SELECTED RESERVE (SELRES) CREWS.</b>	F	F	F
<b>FSO 45</b>	<b>PROVIDE INPORT TRAINING FOR ACTIVE CREW AND FOR</b>	F	F	F

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<b>TYPE II AND TYPE III SELRES CREWS.</b>				
<b>FSO 46</b>	<b>MONITOR ASSIGNED UNITS' ADMINISTRATIVE PROCEDURES.</b>	F	F	F
<b>FSO 47</b>	<b>MONITOR ASSIGNED UNITS' OPERATIONAL PROCEDURES.</b>	F	F	F
<b>FSO 48</b>	<b>MONITOR ASSIGNED UNITS' MATERIAL READINESS.</b>	F	F	F
<b>MOBILITY (MOB)</b>				
<b>MOB 3</b>	<b>PREVENT AND CONTROL DAMAGE.</b>			
	MOB 3.3 Maintain security against unfriendly acts.	F		
<b>MOB 11</b>	<b>MAINTAIN MOUNT-OUT CAPABILITIES.</b>			
	MOB 11.1 Deploy with organic allowance within designated time period.  Note: Within 10 days after receipt of execution order.	F		
	MOB 11.2 Mount-out selected elements/detachments.  Note: To include MPF operations.	F	F	F
	MOB 11.3 Maintain capability for rapid airlift of unit/detachment as directed.  I, III, IV (L) - Plan and coordinate subordinate units.  Note: To include MPF operations.	L	L	L
	MOB 11.4 Maintain mount-out capability for reconnaissance selection and survey of Combat Zone Fleet Hospital (CBTZ FH) sites.  I, III, IV (L) - Plan and coordinate subordinate for attached units.	L	L	L
	MOB 11.5 Maintain capability for rapid ground conveyance of unit/detachment personnel.  I, III, IV (L) - Plan and coordinate subordinate units.	L	L	L
	MOB 11.6 Maintain capability to install, check and maintain detachment personnel.  I, III, IV (L) - Plan and coordinate subordinate units.	L	L	L
<b>MOB 12</b>	<b>MAINTAIN THE HEALTH AND WELL-BEING OF THE CREW.</b>			
	MOB 12.1 Ensure all phases of food service operations are conducted consistent with approved sanitary procedures and standards.  I, III, IV (L) - Monitor subordinate units' activities.	L	L	L
	MOB 12.2 Ensure the operation of the potable water system in a manner consistent with approved sanitary procedures and standards.  I, III, IV (L) - Monitor subordinate units' activities.	L	L	L

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MOB 12.5	Monitor the health and well-being of the crew to ensure that habitability is consistent with approved habitability procedures and standards.	F	F	F
MOB 12.8	Provide individual protective clothing and equipment to sufficiently protect shipboard personnel identified being at risk in a CBR-contaminated environment.	F		
MOB 12.12	Provide antidotes to ship's company which will counteract the effects caused by a CBR-contaminated environment.  Note: For deployed personnel only.	F		
<b>MOB 13</b>	<b>MAINTAIN RESERVE UNIT MOBILIZATION READINESS (INACTIVE RESERVE UNITS ONLY).</b>			
MOB 13.1	Ensure personnel onboard and their associated records are ready for immediate mobilization.	F	F	F
MOB 13.2	Ensure organic equipment (prepositioned war reserve stock situated at reserve training sites) and associated records are ready for immediate mobilization.  Note: PWRMS stocks loaned to training sites must be returned to mobilizing Construction Battalion Center.	F	F	F
MOB 13.3	Conduct immediate crisis response.  I, III, IV (L) - Plan and coordinate subordinate units.	L	L	L
<b>MOB 14</b>	<b>CONDUCT OPERATIONS ASHORE</b>			
MOB 14.1	Operate in climate extremes ranging from cold weather to tropical to desert environments.	F	F	F
MOB 14.2	Operate in rear of combat zone in Afloat Pre-Positioning Force (APF) or Marine Expeditionary Force (MEF) Forward environment.  I, III (L) – Plan and coordinate subordinate units. IV (L) - Plan and train only.	L	L	L
MOB 14.4	Move up to 10 percent of operating equipment using organic motor transport assets.	F	F	F
MOB 14.5	Conduct peacetime activation, mount-out and movement exercises of selected personnel and equipment to ensure capability of contingencies involving naval forces short of a general war.  Note: Plan and coordinate subordinate units.		F	F
MOB 14.6	Conduct limited local security defensive combat operations.	F		
MOB 14.7	Provide qualified personnel to conduct site survey.	F	F	F

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<b>MISSIONS OF STATE (MOS)</b>					
<b>MOS 2</b>	<b>PROVIDE HUMANITARIAN ASSISTANCE.</b>				
MOS 2.1	Deliver relief material.		L	L	L
	I, III, IV (L) - Class IV only. Plan and coordinate subordinate units.				
MOS 2.4	Provide disaster assistance and evacuation.		L	L	L
	I, III, IV (L) - Plan and coordinate subordinate units.				
MOS 2.5	Clear and repair utilities and facilities damaged by natural disaster, fire and civil disturbance; decontaminate CBR effects.		L	L	L
	I, III, IV (L) - Provide repair assessment and resource planning support during natural disaster, fire and civil disturbance only.				
MOS 2.10	Support/provide for the evacuation of noncombatant personnel in areas of civil or international crisis.		L	L	L
	I, III, IV (L) - Provide facilities assessment and resource planning support.				
<b>MOS 3</b>	<b>PERFORM PEACEKEEPING</b>				
MOS 3.2	Provide logistics support for a joint/allied peacekeeping force.		L	L	L
	I, III, IV (L) - Plan and coordinate subordinate units.				
MOS 3.3	Provide direct participation in a joint/allied peacekeeping force within a foreign country/region.		L	L	L
	I, III, IV (L) - Plan and coordinate subordinate units.				
<b>NONCOMBAT OPERATIONS (NCO)</b>					
<b>NCO 1</b>	<b>COLLECT CONSTRUCTION/FACILITY ENGINEERING DATA/INFORMATION.</b>		F	F	F
<b>NCO 2</b>	<b>PROVIDE ADMINISTRATIVE AND SUPPLY SUPPORT FOR OWN UNIT.</b>				
NCO 2.1	Provide supply support services.		F	F	F
NCO 2.2	Provide clerical services.		F	F	F
NCO 2.7	Provide inventory and custodial services.		F	F	F
NCO 2.12	Conduct human resources availability activities and inspections.		F	F	F
<b>NCO 3</b>	<b>PROVIDE UPKEEP AND MAINTENANCE OF OWN UNIT.</b>				
NCO 3.4	Maintain preservation and cleanliness of topside and internal spaces.		F		
	Note: Facilities ashore.				



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<b>NCO 10</b>	<b>PROVIDE EMERGENCY/DISASTER ASSISTANCE.</b>			
NCO 10.4	Provide disaster assistance and evacuation.  I, III, IV (L)- Provide assessment and resource planning support.	L	L	L
NCO 10.5	Clear and repair utilities and facilities damaged by natural disaster, fire and civil disturbance; decontaminate CBR effects.  I, III, IV (L)- Provide repair assessment and resource planning support during natural disaster, fire, and civil disturbance only.	L	L	L
<b>NCO 11</b>	<b>SUPPORT/PROVIDE FOR THE EVACUATION OF NONCOMBATANT PERSONNEL IN AREAS OF CIVIL OR INTERNATIONAL CRISIS.</b>			
NCO 11.3	Provide care, feeding and berthing of evacuees.  I, III, IV (L)- Provide facilities assessment and resource planning support.	L	L	L
NCO 11.5	Plan/direct the evacuation of noncombat personnel in areas of civil or international crisis in both a permissive and non-permissive environment (including joint/combined operations).  I, III, IV (L)- Provide facilities assessment and resource planning support.	L	L	L



**PROJECTED OPERATIONAL ENVIRONMENT  
FOR  
NAVAL MOBILE CONSTRUCTION BATTALION (NMCB)**

1. The Naval Mobile Construction Battalion (NMCB) constructs advanced base facilities in support of the Navy, Marine Corps and other armed services engaged in military operations and is capable of defensive combat operations.
2. The most demanding operating environment anticipated for the NMCB is in a foreign country during wartime, performing engineering combat service support for the Marine Air-Ground Task Force (MAGTF) operating in climates ranging from extreme cold to tropical to desert environments. The NMCB is capable of limited operations in a CBR-contaminated environment.
3. An NMCB may operate in small task organized units (with a range of command and control options) throughout the theater within the full spectrum of threat environments. NMCBs may encounter organized battalion-sized ground combat units, special operations forces, guerrilla and terrorist activities. A substantial percentage of operations will be prosecuted in joint/combined scenarios.
4. In Operations Other Than War (OOTW), NMCBs are involved in the full spectrum of operations including peacekeeping, humanitarian assistance, civic action, disaster recovery and routine base facility operations and maintenance. These operations are frequently characterized by confined and congested areas occupied by friends, adversaries, and neutrals, making identification and coordination difficult. Well-armed adversaries and unstable geopolitical environments require increased defensive measures, making the prosecution of public works, construction, operations, maintenance and repair functions more difficult. NMCBs are capable of performing construction in a low threat environment, requiring a defensive posture, in unsecured and isolated locations without the direct protection of supported forces. A substantial percentage of operations will be prosecuted in joint/combined scenarios.
5. An NMCB may operate as part of an NCR or as the single NCF element in support of the Area or Force Commander.
6. Capable of performing assigned primary mission areas simultaneously while performing defensive functions to protect NMCB personnel, camps, job sites, and convoys against ground troops and light armored vehicles to include: perimeter defense; security patrols; opportune ambush; site/engineering reconnoitering; observation and listening posts; defensive reaction force; and other measures that enhance the defense of the unit. Construction and maintenance capabilities decrease as defensive requirements/combat situations increase.
7. The NMCB has an organic TOA capable of sustaining operational control, planned or envisioned under contingency or general war conditions for 60 days without resupply except ammunition is limited to 15 days, subsistence rations are limited to 5 days, and fuel is limited to 3 days. The NMCB Air Detachment TOA is capable of sustaining operational control, planned or envisioned under contingency or general war conditions for 30 days without resupply except ammunition, fuel and rations are limited to the days stated above. Resupply past these time frames is the responsibility of the supported command.



**FOR OFFICIAL USE ONLY**OPNAVINST 3501.115D  
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<b>NAVAL MOBILE CONSTRUCTION BATTALION</b>			<b>Readiness Condition</b>			
			<b>I</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>AMPHIBIOUS WARFARE (AMW)</b>						
<b>AMW 1</b>	<b>LOAD, TRANSPORT AND LAND COMBAT EQUIPMENT, MATERIAL, SUPPLIES AND ATTENDANT PERSONNEL OF A FORCE OR GROUP IN AN AMPHIBIOUS ASSAULT.</b>					
AMW 1.1	Load combat equipment, material and supplies with attendant personnel for an amphibious assault.  IV, V (L) - Plan and train.  Note: For NCF units only.			F	L	L
AMW 1.3	Land combat equipment, material and supplies with attendant personnel by air and/or surface transport during amphibious assault.  IV, V (L) - Plan and train.		F	F	L	L
<b>AMW 3</b>	<b>REEMBARK AND TRANSPORT EQUIPMENT, MATERIALS, SUPPLIES AND PERSONNEL.</b>					
AMW 3.1	Reembark and transport personnel of the landing force.  III, IV, V (L) - Coordinate for own unit only. Transport by others.			L	L	L
AMW 3.2	Reembark and transport equipment, materials and supplies.  III, IV, V (L) - Coordinate for own unit only. Transport by others.			L	L	L
AMW 3.9	Plan/direct the reembarkation and transportation of equipment, materials, supplies and personnel.  III, IV, V (L) - Coordinate for own unit only. Transport by others.			L	L	L
<b>AMW 14</b>	<b>CONDUCT NAVAL SURFACE FIRE SUPPORT (NSFS) AGAINST DESIGNATED TARGETS.</b>					
AMW 14.6	Conduct spotting for naval gunfire and artillery.  I, III (L) - As required to maintain defensive posture only. IV, V (L) - Plan and train.		L	L	L	L

Enclosure (7)

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<b>AMW 42</b>	<b>CONDUCT MARITIME PREPOSITIONING FORCE (MPF) OPERATIONS.</b>				
AMW 42.1	Plan/direct MPF operations.  III (L) - NCF MPF only. IV, V (L) - Training only.		L	L	L
AMW 42.2	Conduct MPF operations.  III (L) - NCF MPF only. IV, V (L) - Training only.		L	L	L
<b>COMMAND, CONTROL AND COMMUNICATION (CCC)</b>					
<b>CCC 2</b>	<b>COORDINATE AND CONTROL THE OPERATIONS OF THE TASK ORGANIZATION OR FUNCTIONAL FORCE TO CARRY OUT ASSIGNED MISSIONS.</b>				
CCC 2.14	Coordinate and control the construction operations of assigned Naval Construction Force (NCF) units.	F	F	F	F
<b>CCC 3</b>	<b>PROVIDE OWN UNIT'S COMMAND AND CONTROL FUNCTIONS.</b>				
CCC 3.1	Maintain a CIC or CDC capable of collecting, processing, displaying, evaluating and disseminating tactical information.  IV, V (L) - Plan and train.  Note: NCF refers to this as a COC.	F	F	L	L
CCC 3.3	Provide all personnel services, programs and facilities to safeguard classified material and information.	F	F	F	F
CCC 3.4	Carry out emergency destruction of classified material and equipment rapidly and efficiently.  IV, V (L) - Requires special destruction equipment.	F	F	L	L
CCC 3.8	Establish voice communications with U.S. Marine Corps (USMC) evacuation and command nets and/or Naval Support Activity (NSA) net.  IV, V (L) - Plan and train.	F	F	L	L
CCC 3.11	Establish voice communications with supported forces.	F	F	F	F
CCC 3.12	Repair own unit's CCC equipment.  I(L) - Emergency repairs to equipment critical to unit's mission. May require standing down selected personnel from their Condition I stations.  Note: 1 <sup>st</sup> and 2 <sup>nd</sup> echelon maintenance only.	L	F	F	F
<b>CCC 6</b>	<b>PROVIDE COMMUNICATIONS FOR OWN UNIT.</b>				

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CCC 6.1	Maintain tactical voice communications.  V(L) - Plan and train.	F	F	F	L
CCC 6.6	Process messages.	F	F	F	F
CCC 6.10	Maintain voice/teletype/computer data cryptographically covered satellite communication circuits.  V (L) - Plan and train only.	F	F	F	L
CCC 6.12	Maintain internal communications systems.  Note: NMCB has ADP local area network.	F	F	F	F
CCC 6.17	Provide tactical, secure, antijam very-high frequency (VHF) voice communications.  V (L) - Plan and train.	F	F	F	L
CCC 6.19	Provide tactical secure voice or data communications.  V (L) - Plan and train.	F	F	F	L
<b>CCC 19</b>	<b>REPAIR OWN UNITS CCC EQUIPMENT.</b>  I (L) - Emergency repairs to equipment critical to unit's mission. May require standing down selected personnel from their Condition I stations.  Note: 1 <sup>st</sup> 2 <sup>nd</sup> echelon maintenance only.	L	F	F	F
<b>CCC 20</b>	<b>CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S CCC CAPABILITIES.</b>  V (L) - Plan and train.	F	F	F	L
<b>CONSTRUCTION (CON)</b>					
<b>CON 1</b>	<b>PERFORM TACTICAL CONSTRUCTION</b>				
CON 1.1	Perform vertical construction including prefabricated buildings, bunkers and towers.  I (L) - Critical construction activities required to maintain unit's and supported units' Condition I defensive posture. V (L) - Plan and train.  Note: Includes construction of standard and non-standard bridges of varied configurations and materials. Includes non-explosive building demolition and obstacle/debris removal.	L/A	F/A	F	L

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CON 1.2	<p>Perform horizontal construction including unpaved roads, airstrips, mat runways and helo landing areas.</p> <p>I (L) – Critical construction activities required to maintain unit's and supported units' Condition I defensive posture. V (L) – Plan and train.</p> <p>Note: Includes the ability to perform soil stabilization in support of the above construction. May require equipment from NCFSU. Includes non-explosive demolition and obstacle/debris removal.</p>	L/A	F/A	F	L
CON 1.3	<p>Construct utilities including power generation and water purification systems.</p> <p>I (L) - Critical construction activities required to maintain unit's and supported units' Condition I defensive posture. V (L) - Plan and train.</p>	L/A	F/A	F	L
CON 1.4	<p>Construct beach improvements, beach exits, helipads, minor roads and camps.</p> <p>I (L) - Critical construction activities required to maintain unit's and supported units' Condition I defensive posture. V (L) - Plan and train.</p>	L/A	F/A	F	L
CON 1.5	<p>Perform limited construction above water that is directly associated with underwater construction tasks.</p> <p>I (L) - Critical construction activities required to maintain unit's and supported units' Condition I defensive posture. V (L) – Plan and train.</p>	L/A	F/A	F	L
<b>CON 2</b>	<b>PERFORM BASE CONSTRUCTION</b>				
CON 2.1	<p>Perform vertical construction including prefabricated buildings, masonry and concrete buildings and steel and concrete building.</p> <p>V (L) – Plan and train.</p> <p>Note: Includes construction of standard and non-standard bridges of varied configurations and materials. Includes non-explosive building demolition and obstacle/debris removal.</p>		F/A	F	L



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CON 2.2	<p>Perform horizontal construction including asphalt roads, asphalt and concrete runways and paved storage/staging/parking areas.</p> <p>V (L) – Plan and train.</p> <p>Note: Includes the ability to perform soil stabilization in support of the above construction. May require equipment from NCFSU. Includes non-explosive demolition and obstacle/debris removal.</p>		F/A	F	L
CON 2.3	<p>Construct utilities including central base power plant, sewage and water systems, water purification and desalination systems and wire communication systems.</p> <p>V (L) - Plan and train.</p>		F/A	F/A	L
CON 2.4	<p>Perform vertical construction of own expeditionary camp facilities under all climate conditions.</p> <p>I (L) - Critical construction activities required to maintain unit's and supported units' Condition I defensive posture only.</p> <p>V (L) - Plan and train.</p>	L/A	F/A	F	L
<b>CON 3    PERFORM CONSTRUCTION ENGINEERING</b>					
CON 3.1	<p>Conduct surveying and drafting operations.</p> <p>V (L) - Plan and train.</p>		F/A	F	L
CON 3.2	<p>Conduct material testing.</p> <p>V (L) - Plan and train.</p>		F/A	F	L
CON 3.3	<p>Perform planning and estimating.</p> <p>V (L) - Plan and train.</p> <p>Note: Includes capability to perform engineer reconnaissance, with secure voice and data communications reach-back technology for real time engineer design support to improve maneuverability of combat units.</p>		F/A	F	L
CON 3.4	<p>Perform design for local expedient projects.</p> <p>V (L) - Plan and train.</p> <p>Note: NCF units typically build to ABFC standards. This ROC includes capability to perform contingency engineering in support of in-theater crisis response.</p>		F/A	F	L

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<b>CON 4      PERFORM SPECIALIZED CONSTRUCTION</b>				
CON 4.1	Conduct well drilling operations.  V (L) - Plan and train.		F/E	F/E
CON 4.3	Conduct concrete batch plant operations.  III, IV, V(L) - Limited capability when augmented with special non-TOA equipment.		L/A	L/A
CON 4.4	Conduct asphalt batch plant operations.  III, IV, V(L) - Limited capability when augmented with special non-TOA equipment.		L/A	L/A
CON 4.5	Conduct quarry operations.  III, IV, V(L) - Limited capability when augmented with special non-TOA equipment.		L/E	L/E
CON 4.6	Conduct rock crusher operations.  III, IV, V(L) - Limited capability when augmented with special non-TOA equipment.		L/E	L/E
CON 4.7	Conduct Seabee Team operations.  V (L) - Plan and train.		F/E	F/E
CON 4.9	Perform railroad construction.  III, IV, V(L) - Limited war damage repair capability when augmented with special non-TOA equipment.		L/A	L/A
CON 4.12	Conduct pile driving operations.  III, IV, V(L) - Limited capability when augmented with special non-TOA equipment.		L/A	L/A
CON 4.13	Perform pier and wharf construction.  III, IV, V(L) - Limited capability when augmented with special non-TOA equipment excluding underwater operations.		L/A	L/A
CON 4.14	Provide rapid response to inspect and repair fleet inshore and undersea facilities/systems.  III, IV, V(L) - Port and pier facilities only, excluding underwater operations.		L/A	L
CON 4.23	Provide rapid response to erect, maintain and support Combat Zone Fleet Hospitals (CBTZ FH).  III, IV (L) - Limited to site preparation.		L/A	L

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CON 4.24	Construct and maintain facilities necessary for care of refugees.  V (L) - Plan and train.		F/A	F	L
<b>CON 5</b>	<b>PERFORM OPERATIONAL CONSTRUCTION LOGISTIC SUPPORT IN THE DEPLOYMENT AREA.</b>				
CON 5.1	Maintain custody and inventory control over special Naval Construction Force (NCF) auxiliary equipment and coordinate the issue and operation of these items.  V (L) - Plan and train.		F	F	L
CON 5.2	Perform organizational and intermediate maintenance on own, Naval Construction Regiment (NCR) and augment equipment.  V (L) - Plan and train.		F/A	F	L
CON 5.3	Operate and maintain long-haul transportation equipment in support of NCF units.		F/A	F	F
CON 5.5	Perform inventory management of construction and advanced base functional components materials.  V (L) - Plan and train.		F/A	F	L
CON 5.6	Provide and operate a limited automatic data processing (ADP) service.  III, IV, V (L) - NCF support only.		L/A	L	L
CON 5.7	Provide planning, engineering and design services as required.  III, IV, V (L) - Expedient projects only.		L/A	L	L
<b>CON 6</b>	<b>PERFORM WAR DAMAGE REPAIR (WDR)/RAPID RUNWAY REPAIR (RRR) OPERATIONS</b>				
CON 6.1	Perform repairs to utilities including central base camp power, sewage and water systems.  I (L) - Operationally critical only. V (L) - Plan and train.	L/A	F/A	F	L
CON 6.2	Perform repairs to petroleum, oil and lubricants (POL) distribution systems.  I (L) - Operationally critical only. V (L) - Plan and train.	L/A	F/A	F	L

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CON 6.3	Perform repairs to communications systems.  III, IV, (L) - Earthwork, foundations, and vertical construction only. Steel antenna/array repairs as directed by qualified communications/antenna expert. V (L) – Plan and train.		L/A	L	L
CON 6.4	Perform RRR.  I (L) – Operationally critical only. V (L) – Plan and train.  Note: Requires augment equipment from NCFSU.	L	F/E	F/E	L/E
<b>COMMAND AND CONTROL WARFARE (C<sup>2</sup>W) AND INFORMATION WARFARE (IW)</b>					
<b>C<sup>2</sup>W 4</b>	<b>PLAN AND IMPLEMENT OPERATIONS SECURITY (OPSEC) MEASURES.</b>				
C <sup>2</sup> W 4.11	Plan, coordinate and control implementation of OPSEC measures.	F	F	F	F
C <sup>2</sup> W 4.12	Execute OPSEC measures.	F	F	F	F
<b>FLEET SUPPORT OPERATIONS (FSO)</b>					
<b>FSO 2</b>	<b>PROVIDE BASE FACILITY MAINTENANCE AND UTILITY OPERATIONS</b>				
FSO 2.1	Operate and maintain electric power generation systems (diesel) and distribution systems.  I (L) – Systems that are critical to Condition I level only. V (L) - Plan and train.	L/E	F/E	F/E	L
FSO 2.2	Operate and maintain water production and distribution systems including advanced base desalination equipment.  I (L) - Systems that are critical to life safety or operations during Condition I level only. I, III, IV, V (L) - Distribution system consists of expedient piping. Desalination mission requires augment special equipment. V (L) - Plan and train.	L/E	L/A	L	L
FSO 2.3	Maintain structures of all types including wood, prefabricated, steel and concrete.  I (L) - Structures that are critical to maintaining Condition I only. V (L) - Plan and train.	L/A	F/A	F	L

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FSO 2.4	Maintain roads and other paved areas.  I (L) - Critical to maintaining Condition I only. V (L) - Plan and train.	L/A	F/A	F	L
FSO 2.5	Maintain airfield pavements including matting.  I (L) - Critical to maintaining Condition I only. V(L) - Plan and train.	L/A	F/A	F	L
FSO 2.6	Maintain POL storage facilities.  III, IV (L) - Limited capability when augmented with special non-TOA equipment		L/A	L/A	
<b>FSO 3</b>	<b>PROVIDE SUPPORT SERVICES TO OTHER UNITS.</b>				
FSO 3.2	Provide rigging, conveyor and crane services to another unit.  III, IV, V(L) - Limited by capacity of TOA equipment.		L/A	L	L
<b>FSO 7</b>	<b>PROVIDE EXPLOSIVE ORDNANCE DISPOSAL (EOD) SERVICES.</b>				
FSO 7.2	Conduct Alpha, Beta and Gamma monitoring.  I, III, IV, V(L) - Limited to Beta and Gamma monitoring.	L	L	L	L
FSO 7.11	Detect the presence of chemical agents.  IV, V(L) - Plan and train.	F	F	L	L
<b>FSO 9</b>	<b>PROVIDE MEDICAL CARE TO ASSIGNED AND EMBARKED PERSONNEL.</b>				
FSO 9.1	Conduct sick call.  Note: For unit personnel only.	F	F	F	F
FSO 9.2	Conduct physical examinations.  Note: For unit personnel only.		F	F	F
FSO 9.5	Conduct sanitation and safety inspections.  Note: For unit personnel only.		F	F	F
FSO 9.6	Conduct occupational health/safety and preventive medicine programs and training using the following personnel (choose as applicable): (a) Hospital Corpsmen. (b) Preventive Medicine Technician.  III, IV, V (L) - Occupational health support required of others.  Note: For unit personnel only.		L	L	L

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FSO 9.8	Conduct pharmacy services requiring the following personnel (choose as applicable): (a) Hospital Corpsmen.  Note: For unit personnel only.	F	F	F	F
FSO 9.9	Conduct associated administrative/maintenance services (choose as applicable): (a) Maintain adequate medical supplies for appropriate level health care. (d) Perform routine medical administrative services.  Note: For unit personnel only.	F	F	F	F
FSO 9.17	Identify, equip and maintain suitable spaces to provide medical care.  Note: Echelon 1 care of unit personnel only.	F	F	F	F
FSO 9.18	Identify, equip and maintain adequate storage spaces for medical equipment and medical supplies.  Note: For unit personnel only.		F	F	F
FSO 9.19	Provide medical care, triage and resuscitation commensurate with health care provider credentials using the following personnel (choose as applicable): (a) Independent duty hospital corpsmen. (c) Medical officer.  Note: For unit personnel only.	F	F	F	F
<b>FSO 10 PROVIDE FIRST AID ASSISTANCE.</b>					
FSO 10.2	Train assigned and embarked personnel in first aid, self and buddy aid procedures.  Note: Unit personnel only.		F	F	F
FSO 10.3	Train stretcher bearers.  Note: Unit personnel only.		F	F	F
<b>FSO 11 PROVIDE TRIAGE OF CASUALTIES/PATIENTS.</b>					
FSO 11.1	Identify, equip and maintain suitable triage spaces.  IV, V (L) - Plan and train.  Note: For unit personnel only.	F	F	L	L

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FSO 11.2	Train assigned and embarked personnel in triage care.  III, IV (L) - Unit medical/dental personnel only. V(L) - Plan and train.		L	L	L
FSO 11.3	Provide administrative support to augmentation personnel/associated equipment assigned to triage and CBR decontamination stations.  V (L) - Plan and train.  Note: For unit personnel only.		F	F	L
FSO 11.4	Train designated non-medical personnel to assist in triage management care for CBR contamination casualties.  Note: Unit personnel only.		F	F	F
FSO 11.5	Train designated non-medical personnel in CBR casualty decontaminated procedures.  Note: Unit personnel only.		F	F	F
FSO 11.6	Train designated supervisory medical personnel in oversight procedures during CBR casualty decontamination.  Note: Unit personnel only.		F	F	F
FSO 11.7	Provide medical treatment for chemical, biological radiological casualties.  IV, V(L) - Plan and train.  Note: Echelon 1 care of unit personnel only.	F	F	L	L
<b>FSO 12</b>	<b>PROVIDE MEDICAL/SURGICAL TREATMENT FOR CASUALTIES/PATIENTS.</b>				
FSO 12.2	Train assigned and embarked personnel in resuscitation.  Note: Unit personnel only. BLS(A) for non-medical, BLS© for HM's, ACLS/ATLS/C-4 for physicians.		F	F	F
FSO 12.7	Identify, equip and maintain suitable procedure space for emergency response, stabilization and casualty transfer.  V(L) - Plan and train.  Note: For unit personnel only.	F	F	F	L

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<b>FSO 14</b>	<b>PROVIDE MEDICAL REGULATION, TRANSPORT/EVACUATION AND RECEIPT OF CASUALTIES/PATIENTS.</b>				
FSO 14.4	Transport and/or provide for casualty patient evacuations.  V (L) - Plan and train.  Note: For unit personnel only. Limited by transportation and personnel resources.	F	F	F	L
FSO 14.5	Train assigned and embarked personnel in medical evacuation procedures.  V (L) - Plan and train.  Note: Unit personnel only.		F	F	L
<b>FSO 16</b>	<b>PROVIDE ROUTINE AND EMERGENCY DENTAL CARE.</b>				
FSO 16.1	Conduct dental sick call.  Note: For unit personnel only.		F	F	F
FSO 16.2	Conduct dental examinations.  Note: For unit personnel only.		F	F	F
FSO 16.3	Conduct preventive dentistry program including oral prophylaxis and topical fluoride application.  Note: For unit personnel only.		F	F	F
FSO 16.4	Identify, equip and maintain suitable spaces to conduct dental care.		F	F	F
FSO 16.5	Identify, equip and maintain adequate storage spaces for dental equipment and supplies.		F	F	F
FSO 16.7	Conduct dental radiographic services (choose as applicable): (a) Intraoral capability.  Note: For unit personnel only.		F	F	F
<b>FSO 17</b>	<b>PROVIDE DEFINITIVE DENTAL CARE FOR CASUALTIES AND PATIENTS.</b>				
FSO 17.1	Provide restorative treatment and minor oral surgery including tooth extraction.  Note: For unit personnel only.		F	F	F
<b>FSO 44</b>	<b>PROVIDE UNDERWAY TRAINING FOR ACTIVE CREW AND FOR TYPE II AND TYPE III SELECTED RESERVE (SELRES) CREWS.</b>		F	F	F
<b>FSO 45</b>	<b>PROVIDE INPORT TRAINING FOR ACTIVE CREW AND FOR TYPE II AND TYPE III SELRES CREWS.</b>		F	F	F



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<b>FSO 46</b>	<b>MONITOR ASSIGNED UNITS' ADMINISTRATIVE PROCEDURES.</b>		F	F	F
<b>FSO 47</b>	<b>MONITOR ASSIGNED UNITS' OPERATIONAL PROCEDURES.</b>		F	F	F
<b>FSO 48</b>	<b>MONITOR ASSIGNED UNITS' MATERIAL READINESS.</b>		F	F	F
<b>MOBILITY (MOB)</b>					
<b>MOB 3</b>	<b>PREVENT AND CONTROL DAMAGE.</b>				
	MOB 3.2 Counter and control chemical, biological and radiological (CBR) contaminants/agents.  V(L) - Plan and train.	F	F	F	L
	MOB 3.3 Maintain security against unfriendly acts.  IV(L) - Commensurate with civil disturbance threat. V(L) - Plan and train.	F	F	L	L
<b>MOB 8</b>	<b>OPERATE FROM A SHIP.</b>				
	MOB 8.8 Operate from a well deck-equipped amphibious ship.  IV, V (L) - Plan and train.  Note: To include MPF instream operations.	F	F	L	L
<b>MOB 11</b>	<b>MAINTAIN MOUNT-OUT CAPABILITIES.</b>				
	MOB 11.1 Deploy with organic allowance within designated time period.  Note: Within 6 days after receipt of execution order for Condition IV, and within 10 days after receipt of execution order for Condition V.		F	F	F
	MOB 11.2 Mount-out selected elements/detachments.  Note: Within 48 hours after receipt of execution order. To include air detachment and MPF SLRP & OPP.		F	F	F
	MOB 11.3 Maintain capability for rapid airlift of unit/detachment as directed.  Note: Applies to Air Detachment and MPF fly-in echelon.		F	F	F
	MOB 11.4 Maintain mount-out capability for reconnaissance selection and survey of Combat Zone Fleet Hospitals (CBTZ FH) sites.  Note: NMCB does site preparation, Construction Battalion Units erect CBTZ FH.		F	F	F

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MOB 11.5	Maintain capability for rapid ground conveyance of unit/detachment personnel.  III, IV (L) - TOA does not support movement of full unit simultaneously.		L	L	
MOB 11.6	Maintain capability to install, check and maintain detachment personnel.		F	F	
<b>MOB 12</b>	<b>MAINTAIN THE HEALTH AND WELL-BEING OF THE CREW.</b>				
MOB 12.1	Ensure all phases of food service operations are conducted consistent with approved sanitary procedures and standards.  I (L) - MRE only. V (L) - Plan and train.	L	F	F	L
MOB 12.2	Ensure the operation of the potable water system in a manner consistent with approved sanitary procedures and standards.  I (L) - Condition I critical operations only. V(L) - Plan and train.	L	F	F	L
MOB 12.3	Monitor and/or maintain the environment to ensure the protection of personnel from overexposure to hazardous levels of radiation, temperature, noise, vibration and toxic substances per current instructions.  V (L) - Plan and train.	F	F	F	L
MOB 12.5	Monitor the health and well-being of the crew to ensure that habitability is consistent with approved habitability procedures and standards.		F	F	F
MOB 12.7	Provide individual protective clothing and equipment to sufficiently protect casualties in case of CBR contamination.  IV, V(L) - Plan and train.	F	F	L	L
MOB 12.8	Provide individual protective clothing and equipment to sufficiently protect shipboard personnel identified being at risk in a CBR-contaminated environment.  IV, V (L) - Plan and train.  Note: Deployed unit personnel only.	F	F	L	L

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MOB 12.9	Provide individual protective clothing and equipment to sufficiently protect assigned medical personnel aboard a ship at risk in a CBR-contaminated environment.  IV, V(L) - Plan and train.  Note: Deployed unit personnel only.	F	F	L	L
MOB 12.10	Provide CBR collective protective system for medical and support spaces.  IV, V (L) - Plan and train.  Note: Deployed unit personnel only.	F	F	L	L
MOB 12.12	Provide antidotes to ship's company which will counteract the effects caused by a CBR-contaminated environment.  IV, V (L) - Plan and train.  Note: Deployed unit personnel only.	F	F	L	L
MOB 12.13	Train designated medical supervisors and non-medical personnel to detect CBR-contaminated casualties.  Note: Unit personnel only.		F	F	F
MOB 12.14	Train designated non-medical personnel to decontaminate CBR casualties.  Note: Unit personnel only.		F	F	F
MOB 12.15	Identify, supply and maintain decontamination stations.  IV, V (L) - Plan and train.  Note: For unit personnel only.	F	F	L	L
<b>MOB 13 MAINTAIN RESERVE UNIT MOBILIZATION READINESS (INACTIVE RESERVE UNITS ONLY).</b>					
MOB 13.1	Ensure personnel onboard and their associated records are ready for immediate mobilization.	F	F	F	F
MOB 13.2	Ensure organic equipment (prepositioned war reserve stock situated at reserve training sites) and associated records are ready for immediate mobilization.  I, III, IV, V - TOA augmented at time of mobilization by CBC stock.	F	F	F	F

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MOB 13.3	Conduct immediate crisis response.  III, V, V (L) - Air detachment only. Full unit mobilization and embarkation of POE is 45-60+ days after presidential recall.		L	L	L
<b>MOB 14 CONDUCT OPERATIONS ASHORE</b>					
MOB 14.1	Operate in climate extremes ranging from cold weather to tropical to desert environments.  V (L) - Plan and train.	F	F	F	L
MOB 14.2	Operate in rear of combat zone in Afloat Pre-Positioning Force (APF) or Marine Expeditionary Force (MEF) Forward environment.  IV, V (L) - Plan and train only.	F	F	L	L
MOB 14.4	Move up to 10 percent of operating equipment using organic motor transport assets.  V (L) - Plan and train.	F	F	F	L
MOB 14.5	Conduct peacetime activation, mount-out and movement exercises of selected personnel and equipment to ensure capability of contingencies involving naval forces short of a general war.  V(L) - Plan and train.		F	F	L
MOB 14.6	Conduct limited local security defensive combat operations.  IV, V(L) - Plan and train.	F	F	L	L
MOB 14.7	Provide qualified personnel to conduct site survey.  III, IV, V (L) - Construction and expedient projects only.		L	L	L
<b>MOB 17</b>	<b>PERFORM ORGANIZATIONAL LEVEL REPAIRS TO OWN UNIT'S MOB EQUIPMENT.</b>  V(L) - Plan and train.		F/A	F/A	L
<b>MOB 18</b>	<b>CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S MOB CAPABILITIES.</b>  V(L) - Plan and train.	F	F	F	L

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MISSIONS OF STATE (MOS)					
<b>MOS 2</b>	<b>PROVIDE HUMANITARIAN ASSISTANCE.</b>				
MOS 2.1	Deliver relief material.  III, IV(L) - Limited transportation assets requires augment to TOA. V(L) - Plan and train.		L	L	L
MOS 2.2	Provide emergency flooding/fire fighting assistance to another unit.  III, IV, V (L) - Limited to capabilities of TOA with no specialized training of personnel in this capability. V(L) - Plan and train.		L	L	L
MOS 2.4	Provide disaster assistance and evacuation.  III, IV(L) - Earth moving, civil engineering, and general labor support. Limited transportation assets. V(L) - Plan and train.		L	L	L
MOS 2.5	Clear and repair utilities and facilities damaged by natural disaster, fire and civil disturbance; decontaminate CBR effects.  III, IV(L) - For natural disaster, fire and civil disturbance only. CBR decontamination limited to organic equipment and unit personnel. V(L) - Plan and train.		L	L	L
MOS 2.9	Plan, direct and coordinate disaster assistance evacuation.  IV, V (L) - Civil engineering projects. Limited transportation assets requires augment to TOA.		L	L	L
MOS 2.10	Support/provide for the evacuation of noncombatant personnel in areas of civil or international crisis.  III, IV(L) - Will degrade other mission areas. Limited transportation assets requires augment to TOA.		L	L	
MOS 2.14	Provide transportation for evacuees to designated safe havens or onward processing centers.  III, IV(L) - Will degrade other mission areas. Limited transportation assets requires augment to TOA.		L	L	

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<b>MOS 3</b>	<b>PERFORM PEACEKEEPING</b>				
MOS 3.2	Provide logistics support for a joint/allied peacekeeping force.  III, IV (L) - Construction support services.		L	L	
MOS 3.3	Provide direct participation in a joint/allied peacekeeping force within a foreign country/region.  III, IV (L) - Construction support services.		L	L	
<b>NONCOMBAT OPERATIONS (NCO)</b>					
<b>NCO 1</b>	<b>COLLECT CONSTRUCTION/FACILITY ENGINEERING DATA/INFORMATION.</b>  V(L) - Plan and train.		F	F	L
<b>NCO 2</b>	<b>PROVIDE ADMINISTRATIVE AND SUPPLY SUPPORT FOR OWN UNIT.</b>				
NCO 2.1	Provide supply support services.  III, IV(L) - Some deployed supply support for construction materials provided by other NCF units. V(L) - Some support in homeport provided from homeport station.		L	L	L
NCO 2.2	Provide clerical services.		F	F	F
NCO 2.3	Provide disbursing services.		F	F	F
NCO 2.4	Provide post office services.  V(L) - Some support in homeport provided from homeport station.		F	F	L
NCO 2.5	Provide messing facilities.  III - For unit personnel only. IV, V(L) - Plan and train. Support in homeport provided from homeport station.		F	F	L
NCO 2.6	Provide ships service facilities.  III, IV - Unit facilities only. V(L) - Some support in homeport provided from homeport station.		F	F	L
NCO 2.7	Provide inventory and custodial services.  III, IV - Unit support only. V(L) - Some support in homeport provided from homeport station.		F/E	F/E	L

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NCO 2.8	Provide personnel for living space maintenance.  III, IV - Unit support spaces only. V(L) - Some support in homeport provided from homeport station.		F/E	F/E	L
NCO 2.9	Provide personnel for area command security.  III, IV - Unit security only. V(L) - Some support in homeport provided from homeport station.		F	F	L
NCO 2.11	Provide personnel for fuels support.		F	F	
NCO 2.12	Conduct human resources availability activities and inspections.		F	F	F
<b>NCO 3</b>	<b>PROVIDE UPKEEP AND MAINTENANCE OF OWN UNIT.</b>				
NCO 3.1	Provide organizational level preventive maintenance.  V(L) - Some support in homeport provided from homeport support units.		F	F	L
NCO 3.2	Provide organizational level corrective maintenance.  V(L) - Some support in homeport provided from homeport support units.		F	F	L
NCO 3.3	Provide small arms storage areas.  V(L) - Some support in homeport provided from homeport support units.  Note: When not mobilized, the Reserve NMCBs' weapons allowance is stored at NSWC, Crane.	F	F	F	L
NCO 3.4	Maintain preservation and cleanliness of topside and internal spaces.  Note: Facilities ashore.		F	F	F
NCO 3.5	Provide for proper storage, handling, use and transfer of hazardous materials.  V(L) - Some support in homeport provided from homeport support units.		F	F	L
<b>NCO 10</b>	<b>PROVIDE EMERGENCY/DISASTER ASSISTANCE.</b>				
NCO 10.1	Provide emergency flooding/fire fighting assistance to another unit.  III, IV, V (L) - Limited to capabilities of TOA with no specialized training of personnel in this capability.		L	L	L

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NCO 10.4	Provide disaster assistance and evacuation.  III, IV(L) - Earth moving, civil engineering, and general labor support. Limited transportation assets. V(L) - Plan and train.		L	L	L
NCO 10.5	Clear and repair utilities and facilities damaged by natural disaster, fire and civil disturbance; decontaminate CBR effects.  III, IV(L) - For natural disaster, fire and civil disturbance only. CBR decontamination limited to organic equipment and unit personnel. V(L) - Plan and train.		L	L	L
<b>NCO 11</b>	<b>SUPPORT/PROVIDE FOR THE EVACUATION OF NONCOMBATANT PERSONNEL IN AREAS OF CIVIL OR INTERNATIONAL CRISIS.</b>				
NCO 11.3	Provide care, feeding and berthing of evacuees.  III, IV(L) - Facilities support only. V(L) - Plan and train.		L	L	L
NCO 11.4	Provide transportation for evacuees to designated safe havens or onward processing.  I, III, IV(L) - Transportation support limited by TOA. V(L) - Plan and train.		L	L	L
<b>NCO 21</b>	<b>FUNCTION AS MODEL MANAGER FOR USN PERSONNEL QUALIFICATION STANDARD (PQS) FOR OWN UNIT'S SPECIFIC WARFARE AND/OR SPECIALTY COMMUNITY.</b>		F	F	F



**PROJECTED OPERATIONAL ENVIRONMENT  
FOR  
NAVAL CONSTRUCTION FORCE SUPPORT UNIT (NCFSU)**

1. The Naval Construction Force Support Unit (NCFSU) provides construction and engineering support for NCF units including specialized CESE, material, repair parts and technical expertise. NCFSU echelons are attached to other NCF units to manage, maintain and inventory material, transportation and construction equipment provided to augment the NMCB TOA.
2. The most demanding operating environment anticipated is in a foreign country during wartime, supporting NCF units that provide engineering combat service support to a Marine Air-Ground Task Force (MAGTF) operating in climates ranging from extreme cold to tropical to desert environments. The NCFSU is capable of limited operations in a CBR-contaminated environment.
3. In Operations Other Than War (OOTW), NCFSU echelons may be involved in the full spectrum of operations including peacekeeping, humanitarian assistance, civic action, disaster recovery and routine base facility operations and maintenance. These operations are frequently characterized by confined and congested areas occupied by friends, adversaries, and neutrals, making identification and coordination difficult. A substantial percentage of operations will be prosecuted in joint/combined scenarios.
4. Requires messing, medical, dental, limited administration, maintenance and defensive fortifications support from the host command. The NCFSU will deploy in full or partially in echelons. The NCFSU is not a self-sustaining unit and will deploy in support of and attached to an NCR or an NMCB. The NCFSU is able to augment the host command's defensive operations.
5. The NCFSU has an organic TOA capable of sustaining construction support operations under contingency or general war conditions for 60 days without resupply except ammunition is limited to 15 days, subsistence rations are limited to 5 days, and fuel is limited to 3 days. Resupply past these time frames is the responsibility of the supported command.



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## REQUIRED OPERATIONAL CAPABILITIES

NAVAL CONSTRUCTION FORCE SUPPORT UNIT			Readiness Condition			
			I	III	IV	V
<b>COMMAND, CONTROL AND COMMUNICATION (CCC)</b>						
<b>CCC 3</b>	<b>PROVIDE OWN UNIT'S COMMAND AND CONTROL FUNCTIONS.</b>					
	CCC 3.11	Establish voice communications with supported forces.	F	F	F	F
<b>CCC 6</b>	<b>PROVIDE COMMUNICATIONS FOR OWN UNIT.</b>					
	CCC 6.1	Maintain tactical voice communications.  IV, V(L) - Plan and train.	F	F	L	L
	CCC 6.12	Maintain internal communications systems.  IV, V(L) - Plan and train.	F	F	L	L
	CCC 6.19	Provide tactical secure voice or data communications.  IV, V(L) - Plan and train.	F	F	L	L
<b>CONSTRUCTION (CON)</b>						
<b>CON 1</b>	<b>PERFORM TACTICAL CONSTRUCTION</b>					
	CON 1.2	Perform horizontal construction including unpaved roads, airstrips, mat runways and helo landing areas.  I, III, IV (L) – NCFSU supports tasked units with equipment and technical expertise. V (L) - Plan and train.	L	L	L	L
	CON 1.3	Construct utilities including power generation and water purification systems.  I, III, IV (L) – NCFSU supports tasked units with equipment and technical expertise for transmission line work only. V (L) - Plan and train.	L	L	L	L
<b>CON 2</b>	<b>PERFORM BASE CONSTRUCTION</b>					
	CON 2.2	Perform horizontal construction including asphalt roads, asphalt and concrete runways and paved storage/staging/parking areas.  III, IV (L) – NCFSU supports tasked units with equipment and technical expertise. V (L) - Plan and train.		L	L	L

Enclosure (9)

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CON 2.3	Construct utilities including central base power plant, sewage and water systems, water purification and desalination systems and wire communication systems.  III, IV (L) – NCFSU supports tasked units with equipment and technical expertise for transmission line work only. V (L) - Plan and train.		L	L	L
CON 2.4	Perform vertical construction of own expeditionary camp facilities under all climate conditions.  I, III, IV (L) – Limited to berthing to administrative camp facilities contained in TOA. V (L) – Plan and train.	L/A	L/A	L	L
<b>CON 3     PERFORM CONSTRUCTION ENGINEERING</b>					
CON 3.1	Conduct surveying and drafting operations.  V(L) - Plan and train.		F	F	L
CON 3.2	Conduct material testing.  V(L) - Plan and train.		F	F	L
CON 3.3	Perform planning and estimating.  V(L) - Plan and train.		F	F	L
CON 3.4	Perform design for local expedient projects.  V(L) - Plan and train.		F	F	L
<b>CON 4     PERFORM SPECIALIZED CONSTRUCTION</b>					
CON 4.3	Conduct concrete batch plant operations.  III,IV (L) - Provide specialized equipment and technical expertise for the setup, operation, maintenance, and dismantling of specialized equipment to supported units. Supported units to operate and maintain the specialized equipment. V (L) - Plan and train.		L	L	L
CON 4.4	Conduct asphalt batch plant operations.  III,IV (L) -Provide specialized equipment and technical expertise for the setup, operation, maintenance, and dismantling of specialized equipment to supported units. Supported units to operate and maintain the specialized equipment. V (L) - Plan and train.		L	L	L

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CON 4.5	Conduct quarry operations.  III,IV (L) - Provide specialized equipment and technical expertise for the setup, operation, maintenance, and dismantling of specialized equipment to supported units. Supported units to operate and maintain the specialized equipment. V (L) - Plan and train.		L	L	L
CON 4.6	Conduct rock crusher operations.  III,IV (L) - Provide specialized equipment and technical expertise for the setup, operation, maintenance, and dismantling of specialized equipment to supported units. Supported units to operate and maintain the specialized equipment. V (L) - Plan and train.		L	L	L
CON 4.7	Conduct Seabee team operations. V (L) - Plan and train.		F	F	L
CON 4.8	Conduct dredging operations.  III,IV (L) - Coordinate specialized equipment operations for supported units. V (L) - Plan and train.  Note: Limited to simple clamshell and dragline operations to support waterfront construction.		L	L	L
CON 4.9	Perform railroad construction.  III,IV (L) - Coordinate specialized equipment operations for supported units. V (L) - Plan and train.  Note: Limited war damage repair capability only.		L	L	L
CON 4.12	Conduct pile driving operations.  III,IV (L) - Provide specialized equipment and technical expertise for the setup, operation, maintenance, and dismantling of specialized equipment to supported units. Supported units to operate and maintain the specialized equipment. V (L) - Plan and train.		L	L	L

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CON 4.13	Perform pier and wharf construction.  III,IV (L) - Provide specialized equipment and technical expertise for the setup, operation, maintenance, and dismantling of specialized equipment to supported units. Supported units to operate and maintain the specialized equipment. V (L) - Plan and train.		L	L	L
<b>CON 5</b>	<b>PERFORM OPERATIONAL CONSTRUCTION LOGISTIC SUPPORT IN THE DEPLOYMENT AREA.</b>				
CON 5.1	Maintain custody and inventory control over special Naval Construction Force (NCF) auxiliary equipment and coordinate the issue and operation of these items.  V(L) - Plan and train.		F	F	L
CON 5.2	Perform organizational and intermediate maintenance on own, Naval Construction Regiment (NCR) and augment equipment.  V(L) - Plan and train.		F	F	L
CON 5.3	Operate and maintain long-haul transportation equipment in support of NCF units.  V(L) - Plan and train.		F	F	L
CON 5.4	Provide supervisory/technical personnel augment to Naval Mobile Construction Battalions (NMCBs) for rock production, asphalt plant operation and specialized equipment maintenance.  V(L) - Plan and train.		F	F	L
CON 5.5	Perform inventory management of construction and advanced base functional components materials.  V(L) - Plan and train.		F	F	L
CON 5.6	Provide and operate a limited automatic data processing (ADP) service.  III, IV, V (L) - NCF support only.		L	L	L
CON 5.7	Provide planning, engineering and design services as required.  III, IV, V (L) - Expedient projects only.		L	L	L

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<b>COMMAND AND CONTROL WARFARE (C<sup>2</sup>W) AND INFORMATION WARFARE (IW)</b>					
<b>C<sup>2</sup>W 4</b>	<b>PLAN AND IMPLEMENT OPERATIONS SECURITY (OPSEC) MEASURES.</b>				
C <sup>2</sup> W 4.11	Plan, coordinate and control implementation of OPSEC measures.	F	F	F	F
C <sup>2</sup> W 4.12	Execute OPSEC measures.	F	F	F	F
<b>FLEET SUPPORT OPERATION (FSO)</b>					
<b>FSO 7</b>	<b>PROVIDE EXPLOSIVE ORDNANCE DISPOSAL (EOD) SERVICES.</b>				
FSO 7.2	Conduct Alpha, Beta and Gamma monitoring.  I, III, IV, V(L) - Limited to Beta and Gamma monitoring.	L	L	L	L
FSO 7.11	Detect the presence of chemical agents.  IV, V(L) - Plan and train.	F	F	L	L
<b>FSO 10</b>	<b>PROVIDE FIRST AID ASSISTANCE.</b>				
FSO 10.1	Identify, equip and maintain appropriate first aid spaces.		F	F	F
FSO 10.2	Train assigned and embarked personnel in first aid, self and buddy aid procedures.		F	F	F
FSO 10.3	Train stretcher bearers.		F	F	F
<b>MOBILITY (MOB)</b>					
<b>MOB 3</b>	<b>PREVENT AND CONTROL DAMAGE.</b>				
MOB 3.2	Counter and control chemical, biological and radiological (CBR) contaminants/agents.  IV, V(L) - Plan and train.	F	F	L	L
MOB 3.3	Maintain security against unfriendly acts.  IV, V(L) - Plan and train.	F	F	L	L
<b>MOB 11</b>	<b>MAINTAIN MOUNT-OUT CAPABILITIES.</b>				
MOB 11.1	Deploy with organic allowance within designated time period.  V(L) - Plan and train.  Note: Once mobilized, deploys at the discretion of the operational commander.		F	F	L
MOB 11.2	Mount-out selected elements/detachments.  V(L) - Plan and train.  Note: Once mobilized, deploys at the discretion of the operational commander.		F	F	L

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MOB 11.3	Maintain capability for rapid airlift of unit/detachment as directed.  III, IV, V(L) - Limited because most equipment is not air transportable. V(L) - Plan and train.		L	L	L
MOB 11.5	Maintain capability for rapid ground conveyance of unit/detachment personnel.  III, IV (L) - TOA does not support movement of full unit simultaneously.		L	L	
<b>MOB 12</b>	<b>MAINTAIN THE HEALTH AND WELL-BEING OF THE CREW.</b>				
MOB 12.8	Provide individual protective clothing and equipment to sufficiently protect shipboard personnel identified being at risk in a CBR-contaminated environment.  IV, V (L) - Plan and train.	F	F	L	L
<b>MOB 13</b>	<b>MAINTAIN RESERVE UNIT MOBILIZATION READINESS (INACTIVE RESERVE UNITS ONLY).</b>				
MOB 13.1	Ensure personnel onboard and their associated records are ready for immediate mobilization.		F	F	F
<b>MOB 14</b>	<b>CONDUCT OPERATIONS ASHORE</b>				
MOB 14.1	Operate in climate extremes ranging from cold weather to tropical to desert environments.  V (L) - Plan and train.	F	F	F	L
MOB 14.2	Operate in rear of combat zone in Afloat Pre-Positioning Force (APF) or Marine Expeditionary Force (MEF) Forward environment.  IV, V (L) – Plan and train.	F	F	L	L
MOB 14.6	Conduct limited local security defensive combat operations.  IV, V(L) - Plan and train.	F	F	L	L
<b>NONCOMBAT OPERATIONS (NCO)</b>					
<b>NCO 1</b>	<b>COLLECT CONSTRUCTION/FACILITY ENGINEERING DATA/INFORMATION.</b>  V(L) - Plan and train.		F	F	L



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<b>NCO 2</b>	<b>PROVIDE ADMINISTRATIVE AND SUPPLY SUPPORT FOR OWN UNIT.</b>				
NCO 2.1	Provide supply support services.  III, IV(L) - Some deployed supply support for construction materials provided by other NCF units. V(L) - Some support in homeport provided from homeport support units.		L	L	L
NCO 2.2	Provide clerical services.		F	F	F
<b>NCO 3</b>	<b>PROVIDE UPKEEP AND MAINTENANCE OF OWN UNIT.</b>				
NCO 3.1	Provide organizational level preventive maintenance.  V(L) - Some support in homeport provided from homeport support units.		F	F	L
NCO 3.2	Provide organizational level corrective maintenance.  V(L) - Some support in homeport provided from homeport support units.		F	F	L
NCO 3.3	Provide small arms storage areas.  V(L) - When not mobilized, the NCFSU's weapons allowance is stored at NSWC, Crane.		F	F	L
NCO 3.5	Provide for proper storage, handling, use and transfer of hazardous materials.		F	F	F



**PROJECTED OPERATIONAL ENVIRONMENT  
FOR  
CONSTRUCTION BATTALION MAINTENANCE UNIT (CBMU)**

1. The Construction Battalion Maintenance Unit (CBMU) provides follow-on public works operations, maintenance and repair at existing advance base shore facilities or facilities constructed by NMCBs in contingency operations.
2. The most demanding operating environment anticipated for the CBMU is in a foreign country during wartime, performing advanced base public works support operating in climates ranging from extreme cold to tropical to desert environments. The CBMU is capable of limited operations in a CBR-contaminated environment.
3. CBMUs may encounter special operations forces, guerrilla and terrorist activities. A substantial percentage of operations will support Naval Forces Ashore.
4. Requires limited support from the host command for messing, medical, dental, limited administration, maintenance and defensive fortifications support from the host command. CBMU could be expected to provide augment personnel to support the host command within these functional areas.
5. Capable of equipping and manning the following simultaneous operations:
  - a. Operate and maintain water production, steam and electric power generation and distribution systems for advanced base facilities of up to 5000 personnel.
  - b. Perform war damage repair (WDR) to central base camp power, sewage, POL and water systems.
6. The CBMU has an organic TOA capable of sustaining public works operations and maintenance under contingency or general war conditions for 60 days without resupply except ammunition is limited to 15 days, subsistence rations are limited to 5 days, and fuel is limited to 3 days.



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<b>CONSTRUCTION BATTALION MAINTENANCE UNIT</b>		<b>Readiness Condition</b>			
		<b>I</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>COMMAND, CONTROL AND COMMUNICATION (CCC)</b>					
<b>CCC 3</b>	<b>PROVIDE OWN UNIT'S COMMAND AND CONTROL FUNCTIONS.</b>				
CCC 3.3	Provide all personnel services, programs and facilities to safeguard classified material and information.	F	F	F	F
CCC 3.4	Carry out emergency destruction of classified material and equipment rapidly and efficiently.  IV, V (L) - Requires special destruction equipment.	F	F	L	L
CCC 3.8	Establish voice communications with U.S. Marine Corps (USMC) evacuation and command nets and/or Naval Support Activity (NSA) net.  IV, V(L) - Plan and train.	F	F	L	L
<b>CCC 6</b>	<b>PROVIDE COMMUNICATIONS FOR OWN UNIT.</b>				
CCC 6.1	Maintain tactical voice communications.  IV, V(L) - Plan and train.	F	F	L	L
CCC 6.12	Maintain internal communications systems.  IV, V(L) - Plan and train.		F	L	L
CCC 6.19	Provide tactical secure voice or data communications.  I, III, IV, V(L) - Limited to voice communications. IV, V(L) - Plan and train.	L	L	L	L
<b>CONSTRUCTION (CON)</b>					
<b>CON 1</b>	<b>PERFORM TACTICAL CONSTRUCTION</b>				
CON 1.1	Perform vertical construction including prefabricated buildings, bunkers and towers.  III, IV, V(L) - Can be performed but will limit primary public works mission  Note: This includes construction of own expeditionary camp facilities.		L	L	L

Enclosure (11)

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CON 1.2	Perform horizontal construction including unpaved roads, airstrips, mat runways and helo landing areas.  III, IV, V(L) - Can be performed but will limit primary public works mission		L	L	L
CON 1.3	Construct utilities including power generation and water purification systems.  III, IV, V(L) - Can be performed but will limit primary public works mission		L	L	L
CON 1.4	Construct beach improvements, beach exits, helipads, minor roads and camps.  III, IV, V(L) - Can be performed but will limit primary public works mission		L	L	L
<b>CON 2    PERFORM BASE CONSTRUCTION</b>					
CON 2.1	Perform vertical construction including prefabricated buildings, masonry and concrete buildings and steel and concrete building.  III, IV, V(L) - Can be performed but will limit primary public works mission  Note: Includes construction of standard and non-standard bridges of varied configurations and materials.		L	L	L
CON 2.2	Perform horizontal construction including asphalt roads, asphalt and concrete runways and paved storage/staging/parking areas.  III, IV, V(L) - Can be performed but will limit primary public works mission  Note: This includes soil stabilization capability.		L	L	L
CON 2.3	Construct utilities including central base power plant, sewage and water systems, water purification and desalination systems and wire communication systems.  III, IV, V(L) - Can be performed but will limit primary public works mission		L	L	L

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CON 2.4	Perform vertical construction of own expeditionary camp facilities under all climate conditions.  I (L) - Critical construction activities required to maintain unit's and supported units' Condition I defensive posture only. V (L) - Plan and train.	L/A	F	F	L
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<b>CON 3</b>	<b>PERFORM CONSTRUCTION ENGINEERING</b>				
CON 3.1	Conduct surveying and drafting operations.  III, IV, V(L) - Can be performed but will limit primary public works mission		L	L	L
CON 3.2	Conduct material testing.  III, IV, V(L) - Can be performed but will limit primary public works mission		L	L	L
CON 3.3	Perform planning and estimating.  III, IV, V(L) - Can be performed but will limit primary public works mission		L	L	L
CON 3.4	Perform design for local expedient projects.  III, IV, V(L) - Can be performed but will limit primary public works mission		L	L	L
<b>CON 6</b>	<b>PERFORM WAR DAMAGE REPAIR (WDR)/RAPID RUNWAY REPAIR (RRR) OPERATIONS</b>				
CON 6.1	Perform repairs to utilities including central base camp power, sewage and water systems.  V(L) - Plan and train.		F	F	L
CON 6.2	Perform repairs to petroleum, oil and lubricants (POL) distribution systems.  V(L) - Plan and train.		F	F	L
CON 6.3	Perform repairs to communications systems.  III, IV, V(L) - Does not include communications equipment.		L	L	L
CON 6.4	Perform RRR.  III, IV, V(L) - Only limited RRR operations can be performed and would affect primary public works mission. Requires augment equipment.		L	L	L

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<b>COMMAND AND CONTROL WARFARE (C<sup>2</sup>W) AND INFORMATION WARFARE (IW)</b>					
<b>C<sup>2</sup>W 4</b>	<b>PLAN AND IMPLEMENT OPERATIONS SECURITY (OPSEC) MEASURES.</b>				
C <sup>2</sup> W 4.11	Plan, coordinate and control implementation of OPSEC measures.	F	F	F	F
C <sup>2</sup> W 4.12	Execute OPSEC measures.	F	F	F	F
<b>FLEET SUPPORT OPERATIONS (FSO)</b>					
<b>FSO 2</b>	<b>PROVIDE BASE FACILITY MAINTENANCE AND UTILITY OPERATIONS</b>				
FSO 2.1	Operate and maintain electric power generation systems (diesel) and distribution systems.  V(L) - Plan and train.		F	F	L
FSO 2.2	Operate and maintain water production and distribution systems including advanced base desalination equipment.  V(L) - Plan and train.		F	F	L
FSO 2.3	Maintain structures of all types including wood, prefabricated, steel and concrete.  V(L) - Plan and train.		F	F	L
FSO 2.4	Maintain roads and other paved areas.  V(L) - Plan and train.		F	F	L
FSO 2.5	Maintain airfield pavements including matting.  V(L) - Plan and train.		F	F	L
FSO 2.6	Maintain POL storage facilities.  V(L) - Plan and train.		F	F	L
<b>FSO 3</b>	<b>PROVIDE SUPPORT SERVICES TO OTHER UNITS.</b>				
FSO 3.1	Provide the following services to other units (choose as applicable): (n) Telephone Services. (q) Trash and Garbage Disposal Services. (r) Vehicle Services.  III, IV, V(L) - Utilizes on-site equipment assets provided by others. Telephone services consist of maintenance and repair of utility service lines and equipment.		L	L	L



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FSO 3.2	Provide rigging, conveyor and crane services to another unit.  III, IV, V(L) - Limited by capacity of equipment in TOA.		L	L	L
<b>FSO 7</b>	<b>PROVIDE EXPLOSIVE ORDNANCE DISPOSAL (EOD) SERVICES.</b>				
FSO 7.2	Conduct Alpha, Beta and Gamma monitoring.  III, IV(L) - Limited to Beta and Gamma monitoring. V(L) - Plan and train.		L	L	L
FSO 7.11	Detect the presence of chemical agents.  V(L) - Plan and train.		F	F	L
<b>FSO 10</b>	<b>PROVIDE FIRST AID ASSISTANCE.</b>				
FSO 10.1	Identify, equip and maintain appropriate first aid spaces.  V(L) - Plan and train.		F	F	L
FSO 10.2	Train assigned and embarked personnel in first aid, self and buddy aid procedures.  Note: Unit personnel only.		F	F	F
FSO 10.3	Train stretcher bearers.  Note: Unit personnel only.		F	F	F
<b>MOBILITY (MOB)</b>					
<b>MOB 3</b>	<b>PREVENT AND CONTROL DAMAGE.</b>				
MOB 3.2	Counter and control chemical, biological and radiological (CBR) contaminants/agents.  V(L) - Plan and train.	F	F	F	L
MOB 3.3	Maintain security against unfriendly acts.  IV(L) - Commensurate with civil disturbance threat. V(L) - Plan and train.	F	F	L	L
<b>MOB 11</b>	<b>MAINTAIN MOUNT-OUT CAPABILITIES.</b>				
MOB 11.1	Deploy with organic allowance within designated time period.  V(L) - Plan and train.  Note: Within 30 days after notification of mobilization.		F	F	L

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MOB 11.2	Mount-out selected elements/detachments.  V(L) - Plan and train.		F	F	L
MOB 11.3	Maintain capability for rapid airlift of unit/detachment as directed.		F	F	F
<b>MOB 12</b>	<b>MAINTAIN THE HEALTH AND WELL-BEING OF THE CREW.</b>				
MOB 12.1	Ensure all phases of food service operations are conducted consistent with approved sanitary procedures and standards.  I (L) - MRE only. V (L) - Plan and train.	L	F	F	L
MOB 12.2	Ensure the operation of the potable water system in a manner consistent with approved sanitary procedures and standards.  I (L) - Condition I critical operations only. V(L) - Plan and train.	L	F	F	L
MOB 12.3	Monitor and/or maintain the environment to ensure the protection of personnel from overexposure to hazardous levels of radiation, temperature, noise, vibration and toxic substances per current instructions.  V (L) - Plan and train.	F	F	F	L
MOB 12.8	Provide individual protective clothing and equipment to sufficiently protect shipboard personnel identified being at risk in a CBR-contaminated environment.  IV, V (L) - Plan and train.	F	F	L	L
<b>MOB 13</b>	<b>MAINTAIN RESERVE UNIT MOBILIZATION READINESS (INACTIVE RESERVE UNITS ONLY).</b>				
MOB 13.1	Ensure personnel onboard and their associated records are ready for immediate mobilization.		F	F	F
<b>MOB 14</b>	<b>CONDUCT OPERATIONS ASHORE</b>				
MOB 14.1	Operate in climate extremes ranging from cold weather to tropical to desert environments.  V (L) - Plan and train.	F	F	F	L
MOB 14.6	Conduct limited local security defensive combat operations.  IV, V(L) - Plan and train.	F	F	L	L

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<b>MOB 17</b>	<b>PERFORM ORGANIZATIONAL LEVEL REPAIRS TO OWN UNIT'S MOB EQUIPMENT.</b>		F	F	L
	V(L) - Plan and train.				
<b>MISSIONS OF STATE (MOS)</b>					
<b>MOS 2</b>	<b>PROVIDE HUMANITARIAN ASSISTANCE.</b>				
MOS 2.2	Provide emergency flooding/fire fighting assistance to another unit.  III, IV, V (L) - Limited to capabilities of TOA with no specialized training of personnel in this capability. V(L) - Plan and train.		L	L	L
MOS 2.4	Provide disaster assistance and evacuation.  III, IV(L) - Limited earth moving, civil engineering, and general labor support. Limited transportation assets. V(L) - Plan and train.		L	L	L
MOS 2.5	Clear and repair utilities and facilities damaged by natural disaster, fire and civil disturbance; decontaminate CBR effects.  III, IV(L) - For natural disaster, fire and civil disturbance only. CBR decontamination limited to organic equipment and unit personnel only. V(L) - Plan and train.		L	L	L
<b>NONCOMBAT OPERATIONS (NCO)</b>					
<b>NCO 1</b>	<b>COLLECT CONSTRUCTION/FACILITY ENGINEERING DATA/INFORMATION.</b>		L	L	L
	III, IV, V(L) - Limited to expeditionary camp and Naval shore facilities. V(L) - Plan and train.				
<b>NCO 2</b>	<b>PROVIDE ADMINISTRATIVE AND SUPPLY SUPPORT FOR OWN UNIT.</b>				
NCO 2.1	Provide supply support services.  III, IV, V(L) - Some deployed supply support for construction materials provided by other NCF units and/or advanced base units. Some support in homeport provided from homeport station.		L	L	L
NCO 2.2	Provide clerical services.		F	F	F

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<b>NCO 3</b>	<b>PROVIDE UPKEEP AND MAINTENANCE OF OWN UNIT.</b>				
NCO 3.1	Provide organizational level preventive maintenance.  V(L) - Some support in homeport provided from homeport support units.		F	F	L
NCO 3.2	Provide organizational level corrective maintenance.  V(L) - Some support in homeport provided from homeport support units.		F	F	L
NCO 3.3	Provide small arms storage areas.  V(L) - When not mobilized, the CBMU's weapons allowance is stored at NSWC, Crane.		F	F	L
NCO 3.4	Maintain preservation and cleanliness of topside and internal spaces.  Note: Facilities ashore.		F	F	F
NCO 3.5	Provide for proper storage, handling, use and transfer of hazardous materials.  V(L) - Some support in homeport provided from homeport support units.		F	F	L
<b>NCO 10</b>	<b>PROVIDE EMERGENCY/DISASTER ASSISTANCE.</b>				
NCO 10.1	Provide emergency flooding/fire fighting assistance to another unit.  III, IV, V (L) - Limited to capabilities of TOA with no specialized training of personnel in this capability.		L	L	L
NCO 10.4	Provide disaster assistance and evacuation.  III, IV(L) - Limited earth moving, civil engineering, and general labor support. Limited transportation assets. V(L) - Plan and train.		L	L	L
NCO 10.5	Clear and repair utilities and facilities damaged by natural disaster, fire and civil disturbance; decontaminate CBR effects.  III, IV(L) - For natural disaster, fire and civil disturbance only. CBR decontamination limited to organic equipment and unit personnel only. V(L) - Plan and train.		L	L	L

**PROJECTED OPERATIONAL ENVIRONMENT  
FOR  
UNDERWATER CONSTRUCTION TEAM (UCT)**

1. The Underwater Construction Team (UCT) performs underwater construction operations independently in support of the Navy, Marine Corps and other armed services engaged in military operations.
2. The most demanding operating environment anticipated for the UCT is in a foreign country, during wartime, performing underwater construction and engineering combat service support, operating in climate extremes ranging from arctic to tropical to desert environments. The UCT is capable of limited operations in a CBR-contaminated environment.
3. Underwater construction operations are frequently characterized by confined and congested ports, beachheads and channels occupied by friends, adversaries and neutrals making identification and coordination difficult. Well-armed adversaries and unstable geopolitical environments require increased defensive measures, making the prosecution of construction operations, maintenance and repair functions more difficult. UCTs may encounter special operations forces, guerrilla and terrorist activities. A substantial percentage of operations will be prosecuted in joint/combined scenarios.
4. Capable of equipping and manning the following simultaneous missions.
  - a. Sustaining ocean and waterfront facility construction operations using Surface Supplied Air Diving System (SSDS) or SCUBA.
  - b. Performing Battle Damage Repair (BDR) to ocean facilities to include expedient repair of waterfront and offshore facilities.
  - c. While embarked with Naval Beach Group or Marine Amphibious Units, conduct SSDS or SCUBA operations in conjunction with Fleet Marine Force (FMF) amphibious operations.
5. A UCT may operate independently as Air Mobile Detachments, an integral Underwater Construction Team or as an augment to other military forces. The UCT is capable of deploying an Air Mobile Detachment of 16 personnel and required equipment to meet specific mission requirements within 48 hours, deploying a second tailored Air Detachment of 16 personnel within 6 days and a third Air Detachment within 30 days. Normal manning for a UCT Air Detachment is 16 enlisted (SCPO 5931/5341, CPO 5931, PO1 5931 (2), PO2 5931/5708, PO2 5932 (5), PO3 5932 (4), HM1 8494, IT3).
6. Capable of performing operational level and discretionary intermediate level maintenance on unit equipment simultaneous with wartime construction effort.
7. Requires defensive fortifications support from the host command.
8. The UCT has an organic TOA capable of sustaining SSDS or SCUBA ocean and waterfront construction operations for 60 days without resupply except ammunition and fuel stocks are limited to 15 days and subsistence rations are limited to 5 days. Augment equipment requirements for expeditious Battle Damage Repair for ocean facilities are the supported Commander's responsibility. Administrative and logistics support is required from the supported unit for construction operations in excess of 30 days.



**REQUIRED OPERATIONAL CAPABILITIES**

<b>UNDERWATER CONSTRUCTION TEAM</b>		<b>Readiness Condition</b>			
		<b>I</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>AMPHIBIOUS WARFARE (AMW)</b>					
<b>AMW 7</b>	<b>PROVIDE AMPHIBIOUS ASSAULT CONSTRUCTION SUPPORT FOR SHIP-TO-SHORE OPERATIONS AND BEACH CLEARANCE.</b>				
AMW 7.3	Provide, install and operate ship-to-shore fuel systems.  I (L) - Condition I critical systems only. III, IV (L) - OPDS installation, recovery, and limited underwater maintenance only. V (L) - Plan and train.	L	L	L	L
AMW 7.4	Provide teams for beach clearance and beach salvage.  III, IV (L) - Perform construction and survey support. V (L) - Plan and train.		L	L	L
<b>COMMAND, CONTROL AND COMMUNICATION (CCC)</b>					
<b>CCC 3</b>	<b>PROVIDE OWN UNIT'S COMMAND AND CONTROL FUNCTIONS.</b>				
CCC 3.1	Maintain a CIC or CDC capable of collecting, processing, displaying, evaluating and disseminating tactical information.  V (L)- Plan and train.  Note: NCF refers to this as a COC.	F	F	F	L
CCC 3.3	Provide all personnel services, programs and facilities to safeguard classified material and information.  Note: Not a CMS account holder.	F	F	F	F
CCC 3.4	Carry out emergency destruction of classified material and equipment rapidly and efficiently.  IV, V (L) - Requires special destruction equipment.	F	F	L	L

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CCC 3.8	Establish voice communications with U.S. Marine Corps (USMC) evacuation and command nets and/or Naval Support Activity (NSA) net.  IV, V (L) - Plan and train.	F	F	L	L
CCC 3.11	Establish voice communications with supported forces.	F	F	F	F
<b>CCC 6 PROVIDE COMMUNICATIONS FOR OWN UNIT.</b>					
CCC 6.1	Maintain tactical voice communications.  V (L) - Plan and train.	F	F	F	L
CCC 6.7	Maintain underwater communications.  V (L) - Plan and train.	F	F	F	L
CCC 6.12	Maintain internal communications systems.  V (L) -Plan and train.	F	F	F	L
CCC 6.19	Provide tactical secure voice or data communications.  V (L) - Plan and train.	F	F	F	L
<b>CONSTRUCTION (CON)</b>					
<b>CON 1 PERFORM TACTICAL CONSTRUCTION</b>					
CON 1.5	Perform limited construction above water that is directly associated with underwater construction tasks.		F	F	F
<b>CON 2 PERFORM BASE CONSTRUCTION</b>					
CON 2.4	Perform vertical construction of own expeditionary camp facilities under all climate conditions.  V (L) - Plan and train.  Note: Includes ability to construct camp facilities in arctic environment.		F	F	L
<b>CON 3 PERFORM CONSTRUCTION ENGINEERING</b>					
CON 3.1	Conduct surveying and drafting operations.  V (L) - Plan and train.  Note: For UCT projects only.		F	F	L
CON 3.3	Perform planning and estimating.  V (L) - Plan and train  Note: For UCT projects only.		F	F	L



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CON 3.4	Perform design for local expedient projects.  V (L) - Plan and train.  Note: For UCT projects only.		F	F	L
<b>CON 4</b>	<b>PERFORM SPECIALIZED CONSTRUCTION</b>				
CON 4.2	Perform underwater construction.  III, IV, V (L) - To a depth of 190 FSW using either scuba or SSDS, as appropriate, and to include war damage repairs.		L	L	L
CON 4.13	Perform pier and wharf construction.  III, IV, V (L) – Limited to underwater construction only. Must be augmented by NMCB/others for pile driving.		L	L	L
CON 4.14	Provide rapid response to inspect and repair fleet inshore and undersea facilities/systems.		F	F	F
CON 4.15	Perform underwater geotechnical survey using diver-operated tools.		F	F	F
CON 4.16	Perform hydrographic surveying operations using diver-operated tools and surface instruments.		F	F	F
CON 4.17	Perform precision underwater blasting for construction site preparation.		F	F	F
CON 4.18	Perform installation, repair and maintenance of near shore oceanographic sensor and associated facilities.		F	F	F
CON 4.20	Perform installation and repair of fleet and specialized moorings.		F	F	F
CON 4.21	Perform underwater construction diving operations using SCUBA to 130 feet of seawater.		F	F	F
CON 4.22	Perform underwater construction diving operations using Surface Supplied Air Diving Systems to 190 feet of seawater.		F	F	F
<b>CON 6</b>	<b>PERFORM WAR DAMAGE REPAIR (WDR)/RAPID RUNWAY REPAIR (RRR) OPERATIONS</b>				
CON 6.1	Perform repairs to utilities including central base camp power, sewage and water systems.  III, IV, V (L) – Limited to repairs of underwater sections of systems only to a depth of 190 feet of seawater. V (L) – Plan and train.		L	L	L

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CON 6.2	Perform repairs to petroleum, oil and lubricants (POL) distribution systems.  III, IV, V (L) – Limited to repairs of underwater sections of systems only to a depth of 190 feet of seawater. V (L) - Plan and train.		L	L	L
<b>COMMAND AND CONTROL WARFARE (C<sup>2</sup>W) AND INFORMATION WARFARE (IW)</b>					
<b>C<sup>2</sup>W 4</b>	<b>PLAN AND IMPLEMENT OPERATIONS SECURITY (OPSEC) MEASURES.</b>				
C <sup>2</sup> W 4.11	Plan, coordinate and control implementation of OPSEC measures.	F	F	F	F
C <sup>2</sup> W 4.12	Execute OPSEC measures.	F	F	F	F
<b>FLEET SUPPORT OPERATIONS (FSO)</b>					
<b>FSO 9</b>	<b>PROVIDE MEDICAL CARE TO ASSIGNED AND EMBARKED PERSONNEL.</b>				
FSO 9.1	Conduct sick call.  Note: For unit personnel only.	F	F	F	F
FSO 9.5	Conduct sanitation and safety inspections.  Note: For unit personnel only.		F	F	F
FSO 9.8	Conduct pharmacy services requiring the following personnel (choose as applicable): (a) Hospital Corpsmen.  Note: For unit personnel only.	F	F	F	F
FSO 9.9	Conduct associated administrative/maintenance services (choose as applicable): (a) Maintain adequate medical supplies for appropriate level health care. (d) Perform routine medical administrative services.  Note: For unit personnel only.	F	F	F	F
FSO 9.17	Identify, equip and maintain suitable spaces to provide medical care.	F	F	F	F
FSO 9.18	Identify, equip and maintain adequate storage spaces for medical equipment and medical supplies.		F	F	F

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FSO 9.19	Provide medical care, triage and resuscitation commensurate with health care provider credentials using the following personnel (choose as applicable): (a) Independent duty hospital corpsmen.  Note: For unit personnel only.	F	F	F	F
<b>FSO 10</b>	<b>PROVIDE FIRST AID ASSISTANCE.</b>				
FSO 10.2	Train assigned and embarked personnel in first aid, self and buddy aid procedures.  Note: Unit personnel only.		F	F	F
FSO 10.3	Train stretcher bearers.  Note: Unit personnel only.		F	F	F
<b>FSO 11</b>	<b>PROVIDE TRIAGE OF CASUALTIES/PATIENTS.</b>				
FSO 11.5	Train designated non-medical personnel in CBR casualty decontaminated procedures.  Note: For unit personnel only.		F	F	F
FSO 11.6	Train designated supervisory medical personnel in oversight procedures during CBR casualty decontamination.  Note: For unit personnel only.		F	F	F
FSO 11.7	Provide medical treatment for chemical, biological radiological casualties.  Note: For unit personnel only.	F	F	F	
<b>FSO 12</b>	<b>PROVIDE MEDICAL/SURGICAL TREATMENT FOR CASUALTIES/PATIENTS.</b>				
FSO 12.2	Train assigned and embarked personnel in resuscitation.  Note: Unit personnel only.		F	F	F
FSO 12.7	Identify, equip and maintain suitable procedure space for emergency response, stabilization and casualty transfer.	F	F	F	
<b>FSO 14</b>	<b>PROVIDE MEDICAL REGULATION, TRANSPORT/EVACUATION AND RECEIPT OF CASUALTIES/PATIENTS.</b>				
FSO 14.4	Transport and/or provide for casualty patient evacuations.  V (L) - Plan and train.  Note: Unit personnel only. Limited by transportation and personnel resources.	F	F	F	L

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FSO 14.5	Train assigned and embarked personnel in medical evacuation procedures.  V (L) - Plan and train.  Note: Unit personnel only.		F	F	L
<b>FSO 19</b>	<b>PROVIDE AVIATION/DIVING MEDICINE SERVICES.</b>				
FSO 19.9	Provide treatment for decompression sickness and other accidents.  Note: For unit personnel only.		F	F	F
FSO 19.10	Participate in diving exercises and submarine escapes to observe and treat personnel for physical and psychological effects of pressure variations and toxic effects of breathing media.  Note: Unit personnel only.		F	F	F
FSO 19.17	Provide recompression chamber services.  Note: For unit personnel only.		F	F	F
<b>MOBILITY (MOB)</b>					
<b>MOB 3</b>	<b>PREVENT AND CONTROL DAMAGE.</b>				
MOB 3.2	Counter and control chemical, biological and radiological (CBR) contaminants/agents.  I, III, IV, V (L) - Limited to identification of agents by individual kits and individual decontamination by kits.	L	L	L	L
MOB 3.3	Maintain security against unfriendly acts.	F	F	F	F
<b>MOB 8</b>	<b>OPERATE FROM A SHIP.</b>				
MOB 8.10	Operate from utility and amphibious craft supporting construction operations.  V (L) - Plan and train.		F	F	L
<b>MOB 11</b>	<b>MAINTAIN MOUNT-OUT CAPABILITIES.</b>				
MOB 11.1	Deploy with organic allowance within designated time period.		F	F	F
MOB 11.2	Mount-out selected elements/detachments.  V (L) - Plan and train.		F	F	L
MOB 11.3	Maintain capability for rapid airlift of unit/detachment as directed.		F	F	F
MOB 11.6	Maintain capability to install, check and maintain detachment personnel.		F	F	F

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<b>MOB 12</b>	<b>MAINTAIN THE HEALTH AND WELL-BEING OF THE CREW.</b>				
MOB 12.7	Provide individual protective clothing and equipment to sufficiently protect casualties in case of CBR contamination.  IV, V (L) - Plan and train.	F	F	L	L
MOB 12.8	Provide individual protective clothing and equipment to sufficiently protect shipboard personnel identified being at risk in a CBR-contaminated environment.  IV, V (L) - Plan and train.  Note: Deployed unit personnel only.	F	F	L	L
MOB 12.15	Identify, supply and maintain decontamination stations.  IV, V (L) - Plan and train.  Note: For unit personnel only.	F	F	L	L
<b>MOB 13</b>	<b>MAINTAIN RESERVE UNIT MOBILIZATION READINESS (INACTIVE RESERVE UNITS ONLY).</b>				
MOB 13.1	Ensure personnel onboard and their associated records are ready for immediate mobilization.	F	F	F	F
MOB 13.3	Conduct immediate crisis response.	F	F	F	F
<b>MOB 14</b>	<b>CONDUCT OPERATIONS ASHORE</b>				
MOB 14.1	Operate in climate extremes ranging from cold weather to tropical to desert environments.  Note: UCTs can operate in arctic environments and must plan and train for such operating environments. V (L) - Plan and train.	F	F	F	L
MOB 14.2	Operate in rear of combat zone in Afloat Pre-Positioning Force (APF) or Marine Expeditionary Brigade (MEB) environment.  V (L) - Plan and train.	F	F	F	L
MOB 14.4	Move up to 10 percent of operating equipment using organic motor transport assets.  V (L) - Plan and train.	F	F	F	L
MOB 14.5	Conduct peacetime activation, mount-out and movement exercises of selected personnel and equipment to ensure capability of contingencies involving naval forces short of a general war.  V(L) - Plan and train.		F	F	L

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MOB 14.6	Conduct limited local security defensive combat operations.  IV, V(L) - Plan and train.	F	F	L	L
MOB 14.7	Provide qualified personnel to conduct site survey.  III, IV, V (L) - Underwater construction and related expedient projects only.		L	L	L
<b>NONCOMBAT OPERATIONS (NCO)</b>					
<b>NCO 1</b>	<b>COLLECT CONSTRUCTION/FACILITY ENGINEERING DATA/INFORMATION.</b>		F	F	F
<b>NCO 2</b>	<b>PROVIDE ADMINISTRATIVE AND SUPPLY SUPPORT FOR OWN UNIT.</b>		F	F	F
NCO 2.1	Provide supply support services.		F	F	F
NCO 2.2	Provide clerical services.		F	F	F
NCO 2.7	Provide inventory and custodial services.		F	F	F
<b>NCO 3</b>	<b>PROVIDE UPKEEP AND MAINTENANCE OF OWN UNIT.</b>				
NCO 3.1	Provide organizational level preventive maintenance.		F	F	F
NCO 3.2	Provide organizational level corrective maintenance.		F	F	F
NCO 3.3	Provide small arms storage areas.	F	F		

**PROJECTED OPERATIONAL ENVIRONMENT  
FOR  
CONSTRUCTION BATTALION UNIT (CBU)**

1. The Construction Battalion Unit (CBU) provides construction, operation and maintenance support to a Combat Zone (CBTZ) Fleet Hospital (FH) during military operations.
2. The most demanding operating environment anticipated for the CBU is in a foreign country during wartime, performing 24 hour facility maintenance and construction support operations for a CBTZ FH operating in climates ranging from extreme cold to tropical to desert environments. The CBU is capable of limited operations in a CBR-contaminated environment.
3. In Operations Other Than War (OOTW), CBUs may support a CBTZ FH in operations including peacekeeping, humanitarian assistance, civic action, and disaster recovery operations. Operations are frequently located in confined and congested areas occupied by friends, adversaries, and neutrals, making identification and coordination difficult. Well armed adversaries and unstable geopolitical environments require increased security measures, making the prosecution of public works, construction, operations, maintenance and repair functions in support of the CBTZ FH more difficult. CBUs may encounter special operations forces, guerrilla and terrorist activities. A substantial percentage of operations will be prosecuted in joint/combined scenarios.
4. CBUs shall be capable of deploying their entire unit within 48 hours to erect a CBTZ FH in 10 days and perform public works maintenance for the operating hospital. The CBU deploys with personal infantry gear and individual TOA weapons only, and will utilize the tools, equipment, and construction materials provided by the gaining CBTZ FH.
5. Capable of performing all assigned mission areas simultaneously in sustained 24-hour operations while augmenting security functions within the CBTZ FH.
6. Requires messing, berthing, medical, dental, limited administration and defensive fortifications support from the host command.





## **REQUIRED OPERATIONAL CAPABILITIES**

<b>CONSTRUCTION BATTALION UNIT</b>			<b>Readiness Condition</b>			
			<b>I</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>COMMAND, CONTROL AND COMMUNICATION (CCC)</b>						
<b>CCC 2</b>	<b>COORDINATE AND CONTROL THE OPERATIONS OF THE TASK ORGANIZATION OR FUNCTIONAL FORCE TO CARRY OUT ASSIGNED MISSIONS.</b>					
CCC 2.14	Coordinate and control the construction operations of assigned Naval Construction Force (NCF) units.		F	F	F	F
	Note: No units typically assigned to the CBU, however, they control their own operations.					
<b>CCC 3</b>	<b>PROVIDE OWN UNIT'S COMMAND AND CONTROL FUNCTIONS.</b>					
CCC 3.11	Establish voice communications with supported forces.		F	F	F	F
<b>CCC 6</b>	<b>PROVIDE COMMUNICATIONS FOR OWN UNIT.</b>					
CCC 6.1	Maintain tactical voice communications.		F	F	F	L
	V(L) - Plan and train.					
	Note: The unit does not have organic tactical radio equipment. They utilize the supported command's TOA.					
CCC 6.12	Maintain internal communications systems.		F	F	F	F
<b>CONSTRUCTION (CON)</b>						
<b>CON 1</b>	<b>PERFORM TACTICAL CONSTRUCTION</b>					
CON 1.1	Perform vertical construction including prefabricated buildings, bunkers and towers.			L	L	L
	III, IV(L) - Limited by CBTZ FH TOA and in support of fleet hospital mission, only.					
	V(L) - Plan and train.					
CON 1.2	Perform horizontal construction including unpaved roads, airstrips, mat runways and helo landing areas.			L	L	L
	III, IV(L) - Limited by CBTZ FH TOA, and in support of fleet hospital mission, only.					
	V(L) - Plan and train.					
	Note: This includes soil stabilization capability.					

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CON 1.3	Construct utilities including power generation and water purification systems.  III, IV(L) - Limited by CBTZ FH TOA. V(L) - Plan and train.		L	L	L
<b>CON 2    PERFORM BASE CONSTRUCTION</b>					
CON 2.3	Construct utilities including central base power plant, sewage and water systems, water purification and desalination systems and wire communication systems.  III, IV(L) - Limited by CBTZ FH TOA and in support of hospital mission.  V(L) - Plan and train.		L	L	L
CON 2.4	Perform vertical construction of own expeditionary camp facilities under all climate conditions.  III, IV(L) - Limited by CBTZ FH TOA. V(L) - Plan and train.		L	L	L
<b>CON 3    PERFORM CONSTRUCTION ENGINEERING</b>					
CON 3.1	Conduct surveying and drafting operations.  III, IV(L) - Limited by CBTZ FH TOA. V(L) - Plan and train.		L	L	L
CON 3.3	Perform planning and estimating.  III, IV(L) - Limited by CBTZ FH TOA. V(L) - Plan and train.		L	L	L
CON 3.4	Perform design for local expedient projects.  III, IV(L) - Limited by CBTZ FH TOA. V(L) - Plan and train.		L	L	L
<b>CON 4    PERFORM SPECIALIZED CONSTRUCTION</b>					
CON 4.23	Provide rapid response to erect, maintain and support combat zone fleet hospitals.  V(L) - Plan and train.  Note: Requires 21-28 acre site, 10 days to establish full medical operations. Site survey and prep by others (NMCB, NMCB Air Det or both).		F	F	L

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CON 4.24	Construct and maintain facilities necessary for care of refugees.  III, IV (L) - Limited to hospital, medical and base facilities. V(L) - Plan and train.		L	L	L
<b>CON 5</b>	<b>PERFORM OPERATIONAL CONSTRUCTION LOGISTIC SUPPORT IN THE DEPLOYMENT AREA.</b>				
CON 5.2	Perform organizational and intermediate maintenance on own, Naval Construction Regiment (NCR) and augment equipment.  III, IV, V (L) - Limited to maintenance of Combat Zone Fleet Hospital (CBTZ FH).		L	L	L
<b>CON 6</b>	<b>PERFORM WAR DAMAGE REPAIR (WDR)/RAPID RUNWAY REPAIR (RRR) OPERATIONS</b>				
CON 6.1	Perform repairs to utilities including central base camp power, sewage and water systems.  III, IV (L) – Limited by type/size of systems within CBTZ FH TOA. V(L) - Plan and train.		L	L	L
CON 6.2	Perform repairs to petroleum, oil and lubricants (POL) distribution systems.  III, IV(L) - Limited by type/size of systems within CBTZ FH TOA. V(L) - Plan and train.		L	L	L
<b>COMMAND AND CONTROL WARFARE (C<sup>2</sup>W) AND INFORMATION WARFARE (IW)</b>					
<b>C<sup>2</sup>W 4</b>	<b>PLAN AND IMPLEMENT OPERATIONS SECURITY (OPSEC) MEASURES.</b>				
C <sup>2</sup> W 4.11	Plan, coordinate and control implementation of OPSEC measures.	F	F	F	F
C <sup>2</sup> W 4.12	Execute OPSEC measures.	F	F	F	F
<b>FLEET SUPPORT OPERATIONS (FSO)</b>					
<b>FSO 2</b>	<b>PROVIDE BASE FACILITY MAINTENANCE AND UTILITY OPERATIONS</b>				
FSO 2.1	Operate and maintain electric power generation systems (diesel) and distribution systems.  III, IV(L) - Limited by type/size of systems within CBTZ FH TOA. V(L) - Plan and train.		L	L	L

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FSO 2.2	Operate and maintain water production and distribution systems including advanced base desalination equipment.  III, IV(L) V(L)- Distribution system consists of expedient piping. Desalination mission requires augment special equipment. V(L) - Plan and train.		L	L	L
FSO 2.3	Maintain structures of all types including wood, prefabricated, steel and concrete.  III, IV (L) - Limited by CBTZ FH TOA. V(L) - Plan and train.		L	L	L
FSO 2.4	Maintain roads and other paved areas.  III, IV (L) - Limited by CBTZ FH TOA. V(L) - Plan and train.		L	L	L
FSO 2.6	Maintain POL storage facilities.  III, IV, V (L) - Limited to CBTZ FH facilities.		L	L	L
<b>MOBILITY (MOB)</b>					
<b>MOB 3 PREVENT AND CONTROL DAMAGE.</b>					
MOB 3.1	Control fire, flooding, electrical, structural, propulsion, and hull/airframe casualties.  I, III, IV, V (L) - Limited to flooding, electrical, and structural damage to facilities.	L	L	L	L
MOB 3.3	Maintain security against unfriendly acts.  V(L) - Plan and train.	F	F	F	L
<b>MOB 11 MAINTAIN MOUNT-OUT CAPABILITIES.</b>					
MOB 11.1	Deploy with organic allowance within designated time period.  Note: Join mobilized CBTZ FH within 48 hours of receipt of execution order. Further deployment dependent upon CBTZ FH mobilization capabilities.		F	F	F
MOB 11.2	Mount-out selected elements/detachments.		F	F	F
MOB 11.3	Maintain capability for rapid airlift of unit/detachment as directed.		F	F	F
MOB 11.4	Maintain mount-out capability for reconnaissance selection and survey of CBTZ FH sites.		F	F	F

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<b>MOB 12</b>	<b>MAINTAIN THE HEALTH AND WELL-BEING OF THE CREW.</b>				
MOB 12.2	Ensure the operation of the potable water system in a manner consistent with approved sanitary procedures and standards.  V(L) - Facilities provided by homeport station.		F	F	L
MOB 12.3	Monitor and/or maintain the environment to ensure the protection of personnel from overexposure to hazardous levels of radiation, temperature, noise, vibration and toxic substances per current instructions.		F	F	F
MOB 12.8	Provide individual protective clothing and equipment to sufficiently protect shipboard personnel identified being at risk in a CBR-contaminated environment.  I, III (L) – Limited to CBTZ FH TOA. IV, V (L) - Plan and train.  Note: CBU personnel are deployed ground forces, not shipboard.	L	L	L	L
MOB 12.10	Provide CBR collective protective system for medical and support spaces.  I, III (L) - Limited by unit resources. IV, V (L) - Plan and train.	L	L	L	L
MOB 12.12	Provide antidotes to ship's company which will counteract the effects caused by a CBR-contaminated environment.  IV, V (L) - Plan and train.  Note: Deployed unit personnel only.	F	F	L	L
MOB 12.13	Train designated medical supervisors and non-medical personnel to detect CBR-contaminated casualties.  Note: CBU does not have medical supervisors, but all personnel shall be trained to detect CBR-contaminated casualties.		F	F	F
MOB 12.14	Train designated non-medical personnel to decontaminate CBR casualties.		F	F	F
MOB 12.15	Identify, supply and maintain decontamination stations.  I, III (L) - Equipment and supplies provided by CBTZ FH. IV, V (L) - Plan and train.	L	L	L	L

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<b>MOB 13</b>	<b>MAINTAIN RESERVE UNIT MOBILIZATION READINESS (INACTIVE RESERVE UNITS ONLY).</b>				
MOB 13.1	Ensure personnel onboard and their associated records are ready for immediate mobilization.		F	F	F
<b>MOB 14</b>	<b>CONDUCT OPERATIONS ASHORE</b>				
MOB 14.1	Operate in climate extremes ranging from cold weather to tropical to desert environments.  V(L) - Plan and train.	F	F	F	L
MOB 14.2	Operate in rear of combat zone in Afloat Pre-Positioning Force (APF) or Marine Expeditionary Force (Forward) environment.  IV, V (L) - Plan and train only.	F	F	L	L
MOB 14.3	Erect partial hospital and establish limited medical operations with 72 hours of arrival at 10-12 acre surveyed site using organic staff and table of equipment.  V (L) - Plan and train.  Note: Requires 21-28 acre site, 10 days to establish full medical operations. Site survey and prep by others (NMCB, NMCB Air Det or both).		F	F	L
MOB 14.5	Conduct peacetime activation, mount-out and movement exercises of selected personnel and equipment to ensure capability of contingencies involving naval forces short of a general war.			F	F
MOB 14.6	Conduct limited local security defensive combat operations.  V(L) - Plan and train.	F	F	F	L
MOB 14.7	Provide qualified personnel to conduct site survey.  III, IV, V (L) - Fleet hospital site survey only.		L	L	L
<b>MOB 17</b>	<b>PERFORM ORGANIZATIONAL LEVEL REPAIRS TO OWN UNIT'S MOB EQUIPMENT.</b>  V(L) - Plan and train.  Note: Limited by CBTZ FH TOA.		F/A	F/A	L

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<b>MISSIONS OF STATE (MOS)</b>				
<b>MOS 2</b>	<b>PROVIDE HUMANITARIAN ASSISTANCE.</b>			
MOS 2.2	Provide emergency flooding/fire fighting assistance to another unit.  III, IV, V (L) - Limited to capabilities of TOA with no specialized training of personnel in this capability.		L	L
MOS 2.4	Provide disaster assistance and evacuation.  III, IV(L) - Earth moving, civil engineering, and general labor support. Limited transportation assets. V(L) - Plan and train.		L	L
MOS 2.5	Clear and repair utilities and facilities damaged by natural disaster, fire and civil disturbance; decontaminate CBR effects.  III, IV(L) - For natural disaster, fire and civil disturbance only. CBR decontamination limited to organic equipment and unit personnel only. V(L) - Plan and train.		L	L
MOS 2.9	Plan, direct and coordinate disaster assistance evacuation.  IV, V (L) - Civil engineering projects. Limited transportation assets requires augment to TOA.		L	L
MOS 2.10	Support/provide for the evacuation of noncombatant personnel in areas of civil or international crisis.  III, IV(L) - Will degrade other mission areas. Limited transportation assets requires augment to TOA.		L	L
MOS 2.14	Provide transportation for evacuees to designated safe havens or onward processing centers.  III, IV(L) - Will degrade other mission areas. Limited transportation assets requires augment to TOA.		L	L
<b>NONCOMBAT OPERATIONS (NCO)</b>				
<b>NCO 1</b>	<b>COLLECT CONSTRUCTION/FACILITY ENGINEERING DATA/INFORMATION.</b>		F	F
<b>NCO 2</b>	<b>PROVIDE ADMINISTRATIVE AND SUPPLY SUPPORT FOR OWN UNIT.</b>			
NCO 2.1	Provide supply support services.		F	F
NCO 2.2	Provide clerical services.		F	F

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NCO 2.11	Provide personnel for fuels support.  III, IV, V (L) - Limited to Fleet Hospital requirements only.		L	L	L
<b>NCO 3</b>	<b>PROVIDE UPKEEP AND MAINTENANCE OF OWN UNIT.</b>				
NCO 3.1	Provide organizational level preventive maintenance.  V (L) - Some support in homeport provided from homeport station.		F	F	L
NCO 3.2	Provide organizational level corrective maintenance.  V (L) - Some support in homeport provided from homeport station.		F	F	L
NCO 3.5	Provide for proper storage, handling, use and transfer of hazardous materials.  V(L) - Some support in homeport provided from homeport station.		F	F	L
<b>NCO 10</b>	<b>PROVIDE EMERGENCY/DISASTER ASSISTANCE.</b>				
NCO 10.1	Provide emergency flooding/fire fighting assistance to another unit.  III, IV, V (L) - Limited to capabilities of CBTZ FH TOA with no specialized training of personnel in this capability.		L	L	L
NCO 10.4	Provide disaster assistance and evacuation.  III, IV(L) - Earth moving, civil engineering, and general labor support. Limited transportation assets. V(L) - Plan and train.		L	L	L
NCO 10.5	Clear and repair utilities and facilities damaged by natural disaster, fire and civil disturbance; decontaminate CBR effects.  III, IV(L) - For natural disaster, fire and civil disturbance only. V(L) - Plan and train.		L	L	L